

Appendix A – MixItLink Plugins Technical description

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1 Create WO plugin

1.1 Input data

Input for plugin is the xml file with description of work orders to be opened. XML file format is defined by xsd file *CreateWorkOrder.xsd*. By definition, filled Status type is string, but the only accepted values are:

- Open
- Closed
- Cancelled

In upper, lower or mixed case.

Typical xml file with definitions of work orders to open looks as follows:

```
<?xml version="1.0" encoding="utf-16"?>
<ArrayOfWorkOrder>
  <WorkOrder>
    <WorkOrderNumber>106191</WorkOrderNumber>
    <DateChanged>2015-01-13T00:00:00</DateChanged>
    <DateDue>2015-01-24T00:00:00</DateDue>
    <CustomerName>Test Customer1</CustomerName>
    <WorkProviderName>Unknown</WorkProviderName>
    <VehicleMake>Skoda</VehicleMake>
    <VehicleModel>Octavia Ambiente</VehicleModel>
    <Status>OPEN</Status>
    <VehicleYear>2006</VehicleYear>
    <LicensePlate>ABC01234</LicensePlate>
    <VehicleIdentificationNumber>TMBHS21Z362208005</VehicleIdentificationNumber>
    <PanelCount>9</PanelCount>
    <RepairType>Panel Repair</RepairType>
    <Notes />
  </WorkOrder>
  <WorkOrder>
    <WorkOrderNumber>TestWOOpen</WorkOrderNumber>
    <DateChanged>2015-01-13T00:00:00</DateChanged>
    <DateDue>2015-01-24T00:00:00</DateDue>
    <CustomerName>Test Customer 2</CustomerName>
    <WorkProviderName>Unknown</WorkProviderName>
    <VehicleMake>Opel</VehicleMake>
    <VehicleModel>Astra</VehicleModel>
    <Status>Open</Status>
    <VehicleYear>2007</VehicleYear>
    <LicensePlate>ABC9876</LicensePlate>
    <VehicleIdentificationNumber></VehicleIdentificationNumber>
    <PanelCount>1</PanelCount>
    <RepairType>Spot Repair</RepairType>
    <Notes> Test 12345 </Notes>
  </WorkOrder>
</ArrayOfWorkOrder>
```

Minimal information required to define work order to open looks as follows:

```
<?xml version="1.0" encoding="utf-16"?>
<ArrayOfWorkOrder>
  <WorkOrder>
    <WorkOrderNumber>TestSmallWO</WorkOrderNumber>
    <Status>OPEN</Status>
  </WorkOrder>
</ArrayOfWorkOrder>
```

After processing, input files are moved to folder: Succeeded or Failed; files containing multi work orders to create are split into single work orders. Filename schema is defined as follows:

- Originalfilename_WorkOrderNumber_UniqTimestamp.xml for files with multi work orders,
- Originalfilename_UniqTimestamp.xml for files with one work order.

1.2 Output Data

If 'Response' flag have been set 'true' by the configuration, plugin will create response xml file. Format is defined by xsd file *CreateWorkOrder-Response.xsd*.

Example of response file looks as follows:

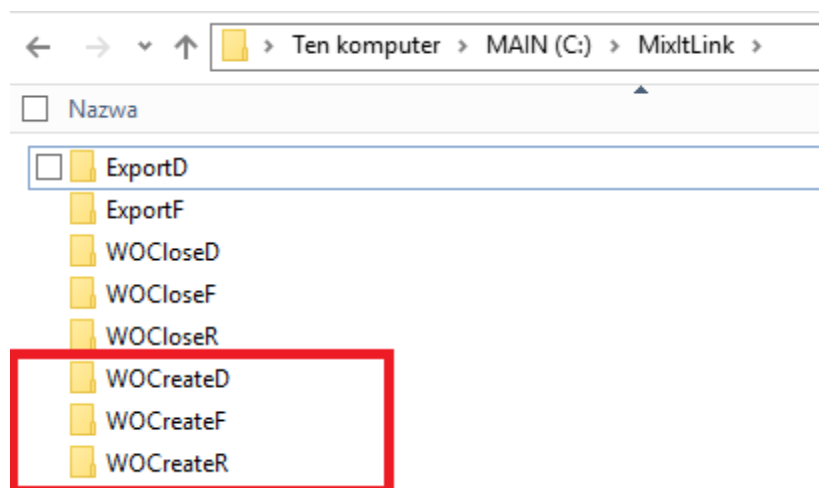
```
<?xml version="1.0" encoding="utf-8"?>
<CMCreateWOResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <WorkOrder>
    <WorkOrderNumber>106191</WorkOrderNumber>
    <Status>OPEN</Status>
    <LicensePlate>ABC0123</LicensePlate>
    <VehicleIdentificationNumber />
    <WorkOrderID>12</WorkOrderID>
    <ErrorDescription />
  </WorkOrder>
</CMCreateWOResponse>
```

Example of response file while error occurred, in ErrorDescription filed is located detail description of error or exception:

```
<?xml version="1.0" encoding="utf-8"?>
<CMCreateWOResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <WorkOrder>
    <WorkOrderNumber>SCENARIUSZ1_CWO_ONEFILE WO1 test 05022018` / </WorkOrderNumber>
    <Status>OPEN</Status>
    <LicensePlate>ABC3456</LicensePlate>
    <VehicleIdentificationNumber> TMBHS21Z362208005</VehicleIdentificationNumber>
    <ErrorDescription>WorkProvider \'PZU\' not found on CM WorkProvider List for
WorkOrderNumber \'SCENARIUSZ1_CWO_ONEFILE WO1 test 05022018` / \'  
</ErrorDescription>
  </WorkOrder>
</CMCreateWOResponse>
```

1.3 Default folders structure

Default folders structure for plugin, created in the installation time looks as follows:



2 Close WO plugin

2.1 Input data

Input for plugin is the xml file, containing description of work orders to be closed. XML file format is defined by xsd file *CloseWorkOrder.xsd*. By definition filled Status type is string, but the only accepted values are:

- Open
- Closed
- Cancelled

In upper, lower or mixed case.

Typical xml file with work order to close looks as follows:

```
<?xml version="1.0" encoding="utf-8"?>
<ArrayOfWorkOrderClose>
  <WorkOrder>
    <WorkOrderNumber>TEST WO 20180107</WorkOrderNumber>
    <Status>CLOSED</Status>
    <Notes>Notes</Notes>
  </WorkOrder>
  <WorkOrder>
    <WorkOrderID>732</WorkOrderID>
    <Status>Closed</Status>
    <Notes>Simple notes</Notes>
  </WorkOrder>
</ArrayOfWorkOrderClose>
```

After processing, input files are moved to folder: Succeeded or Failed; files containing multi work orders to close are split into single work orders. Filename schema is defined as follows:

- Originalfilename_WorkOrderNumber_UniqTimestamp.xml for files with multi work orders,
- Originalfilename_UniqTimestamp.xml for files with one work order.

2.2 Output Data

If 'Response' flag have been set 'true' by the configuration, plugin will create response xml file. Format is defined by xsd file *CloseWorkOrder-Response.xsd*. If 'Include Material Usage' flag have been set 'true' by the configuration, response file will contain up to date usage of materials for closed work order.

Simple example of response file looks as follows:

```
<?xml version="1.0" encoding="utf-8"?>
<ArrayOfWorkOrderClose>
  <WorkOrder>
    <WorkOrderID>3250</WorkOrderID>
    <Status>CLOSED</Status>
    <Notes>Notes2</Notes>
  </WorkOrder>
</ArrayOfWorkOrderClose>
```

Example of response file with material usage attached:

```
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <ClosedWorkOrders>
    <DateChanged>2017-10-27T04:46:14+02:00</DateChanged>
    <WorkOrderNumber>MG OneFile MIX 001</WorkOrderNumber>
```

```

<WorkOrderStatus>CLOSED</WorkOrderStatus>
<ColorCode>... ,Capri,C-Max,EcoSport,Escort,Escort Cabriolet,E</ColorCode>
<MainColor>A,B,B0,B1,B2,B3,B4,B5,B53,B6,B7,B9,BA,BK3,BS,BT,BV</MainColor>
<RgbColor>#EAE8DA</RgbColor>
<Brand />
<Price>0</Price>
<MixCount>2</MixCount>
<CreateDate>2017-10-23T00:00:00</CreateDate>
<CustomerName />
<WorkProviderName />
<VehicleMake>Ford</VehicleMake>
<VehicleModel>... ,Capri,C-Max,EcoSport,Escort,Escort Cabriolet,E</VehicleModel>
<VehicleYear>1972-2016</VehicleYear>
<LicensePlate />
<VehicleIdentificationNumber />
<RepairType />
<Notes>Notes1</Notes>
<WorkOrderID>1</WorkOrderID>
<Mixes>
  <MixInformation>
    <DateChanged>2017-10-23T12:18:03+02:00</DateChanged>
    <MixDescription>Carnival Red</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autowave MM 2.0</MixProduct>
    <AmountPoured>0.12818</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>3</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>MIT3006</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2017-10-23T12:00:00+02:00</LastMixedDate>
    <CombinedMixDescription>Mitsubishi,Carnival Red,Solid</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>371666</ProductNumber>
        <IngredientName>Autowave MM 355</IngredientName>
        <Description>Autowave MM 2.0</Description>
        <ActualGramms>58.80000</ActualGramms>
        <SpecificGravity>1.028</SpecificGravity>
        <ActualVolume>57.19844357976653696498</ActualVolume>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523868</ProductNumber>
        <IngredientName>Autowave MM 098</IngredientName>
        <Description>Autowave MM 2.0</Description>
        <ActualGramms>2.10000</ActualGramms>
        <SpecificGravity>1.179</SpecificGravity>
        <ActualVolume>1.78117048346055979643</ActualVolume>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523890</ProductNumber>
        <IngredientName>Autowave MM 527</IngredientName>
        <Description>Autowave MM 2.0</Description>
        <ActualGramms>38.70000</ActualGramms>
        <SpecificGravity>1.029</SpecificGravity>
        <ActualVolume>37.60932944606413994169</ActualVolume>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
    </MixComponents>
  </MixInformation>
</Mixes>

```

```

</ingredient>
<ingredient>
  <ProductNumber>371757</ProductNumber>
  <IngredientName>Autowave Hardener</IngredientName>
  <Description>Autowave Hardener</Description>
  <ActualGramms>10.20000</ActualGramms>
  <SpecificGravity>1.067</SpecificGravity>
  <ActualVolume>9.55951265229615745079</ActualVolume>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Wydajność - Komponent</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>530908</ProductNumber>
  <IngredientName>Activator WB HT-LH</IngredientName>
  <Description>Activator WB HT-LH</Description>
  <ActualGramms>21.50000</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>22.02868852459016393442</ActualVolume>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</ClosedWorkOrders>
</ArrayOfPaintInformation>

```

Example of response file while error occurred, in ErrorDescription filed is located detail description of error or exception:

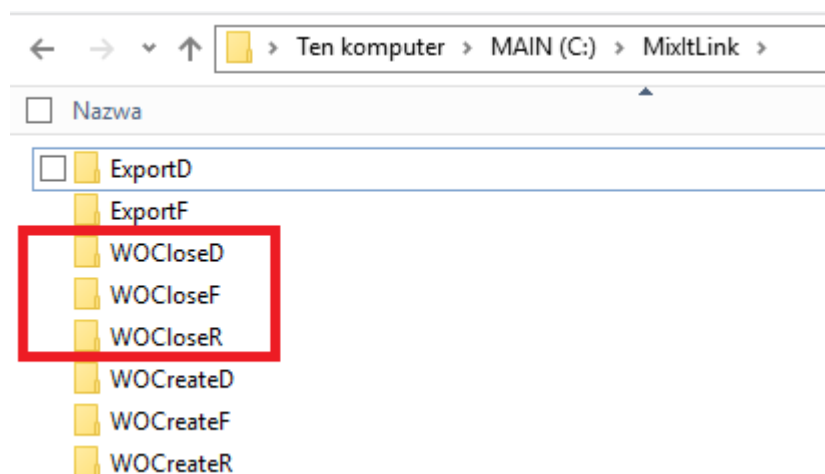
```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <ClosedWorkOrders>
    <DateChanged>0001-01-01T00:00:00</DateChanged>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <Price>0</Price>
    <CreateDate>0001-01-01T00:00:00</CreateDate>
    <ErrorDescription>CloseWO: Update WO error, number of rows is different than 1 or is 0,
probably incorrect WorkOrderNumber or WorkOrderID</ErrorDescription>
  </ClosedWorkOrders>
</ArrayOfPaintInformation>

```

2.3 Default folders structure

Default folders structure for plugin, created during the installation looks as follows:



3 Export Mix->XML plugin

3.1 Input data

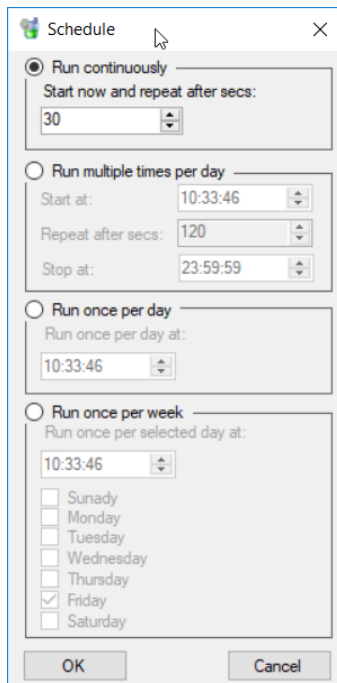
No input data for this plugin.

3.2 Output data

Output from plugin is xml file, which will be created and then updated for each plugin run. For 'Export Mixes', format is defined by xsd file *MaterialExportMix.xsd*, for 'Export Work Orders', xml file format is defined by *MaterialExportWorkOrder.xsd*.

3.3 Examples

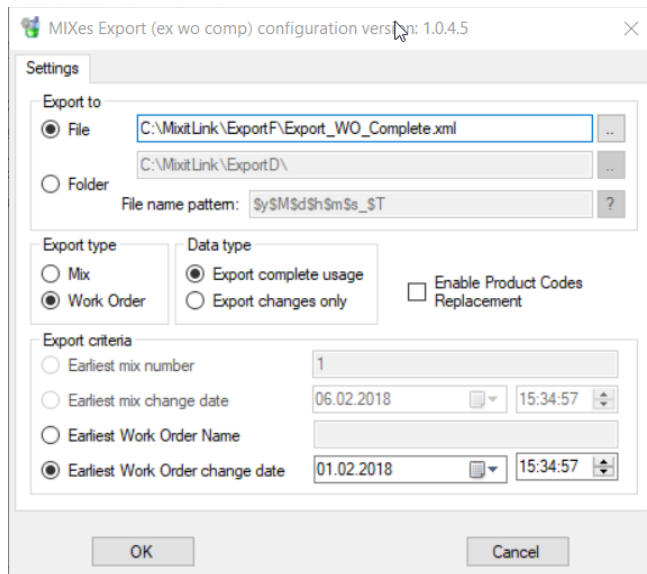
It is required to set individual schedule of export for every configured plugin. After selecting one plugin, you have to click "Schedule" button. Then it is possible to set individual parameters for every export.



3.3.1 Plugin configuration

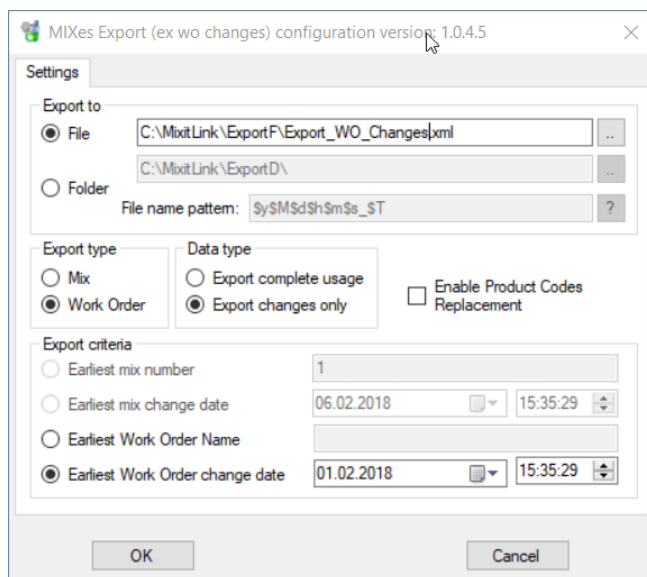
3.3.1.1 *Export complete usage for work orders*

You can configure export plugin to export work orders or complete mixes, which were used by every job, according to 'Export criteria' parameter.



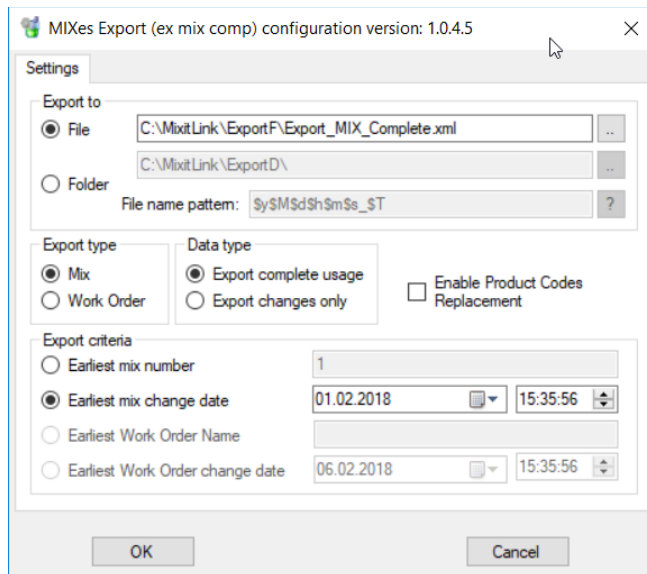
3.3.1.2 Export changes only for work orders

You can configure export plugin to export only work orders containing changes (deltas) in mixes, according to 'Export criteria' parameter.



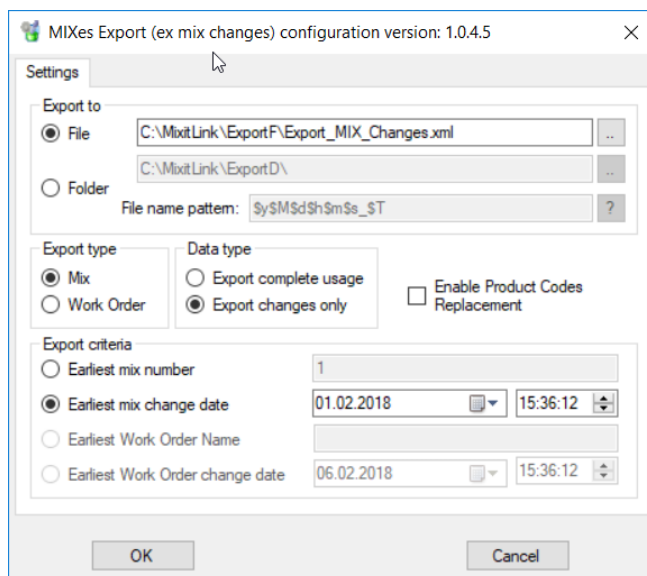
3.3.1.3 Export complete usage for mix

You can configure export plugin to export complete usage of materials for mix, as well as the information about occurrences of given mix in different work orders, according to 'Export criteria' parameter.



3.3.1.4 Export changes only for mix

You can configure export plugin to export only changes (deltas) of material usage for mix and occurrences of given mix in different work orders, according to 'Export criteria' parameter.



3.3.2 Examples

The standard plugins may deliver the data in two possible methods:

- Complete usage per RO, which is a “snapshot” of the material usage per RO at the time of export, including all previous mixes
- Differential export, where we push the changes to the usage on the specific RO versus previously exported data. As per ColorManager logic, the changes may be both positive and negative.

The sample data changes in ColorManager system and respective data exports you may find in the following Excel sheet.

		Complete usage			Differential usage	
	WO	Product	Value		Product	Value
	Mix 1, (20\$ Prod1 & 20\$ Prod2) allocated to WO 1					
Create one repair order	WO1	Product #1	20		Product #1	20
		Product #2	20		Product #2	20
	Mix 1 distributed 50%/50% between WO1 & WO2					
Reassign repair order (add another repair order)	WO1	Product #1	10		Product #1	-10
		Product #2	10		Product #2	-10
	WO2	Product #1	10		Product #1	10
		Product #2	10		Product #2	10
	Mix 1 change: Product #1 extra 4\$ used,					
Tint color mix (add extra volume for used toners)	WO1	Product #1	12		Product #1	2
		Product #2	10			
	WO2	Product #1	12		Product #1	2
		Product #2	10			
	Mix 1 change: Distributed extra product between WO1 & WO2					
Mix RTS (one mix with two orders)	WO1	Product #1	12			
		Product #2	10			
		Product #3	5		Product #3	5
	WO2	Product #1	12			
		Product #2	10			
		Product #3	5		Product #3	5
	mix consumption cancelled from WO1 and WO2					
Reassign repair order (remove form mix all assigned repair orders)	WO1	Product #1	0		Product #1	-12
		Product #2	0		Product #2	-10
		Product #3	0		Product #3	-5
	WO2	Product #1	0		Product #1	-12
		Product #2	0		Product #2	-10
		Product #3	0		Product #3	-5

3.3.2.1 Create 1 repair order and 1 mix (color only) for this order.

In this case, you have to create one work order, to which you create one mix (color only). For this scenario, you will get information about complete material usage for every configuration.

3.3.2.1.1 Export complete usage for work orders

```
<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreateDate>2018-03-15T00:00:00</CreateDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai, Delta, Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:32:32+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.00005</AmountPoured>
        <Type>Color</Type>
        <Status>Complete</Status>
        <MixNumber>5</MixNumber>
        <CreatedBy>Shop Manager</CreatedBy>
        <CreatedByInitials>sm</CreatedByInitials>
        <MixOwner>Shop Manager</MixOwner>
        <MixOwnerInitials>sm</MixOwnerInitials>
        <AkzoCode>DAH1C0 (D)</AkzoCode>
        <OwnColorNumber />
        <LastMixedDate>2018-03-15T02:32:32+01:00</LastMixedDate>
        <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
        <MixValue>0.00000</MixValue>
        <ProductCategory />
        <MixComponents>
          <ingredient>
            <ProductNumber>523670</ProductNumber>
            <IngredientName>Autobase Plus MM Q811M</IngredientName>
            <Description>Autobase Plus MM</Description>
            <ActualGramms>477.9</ActualGramms>
            <SpecificGravity>0.979</SpecificGravity>
            <ActualVolume>488.151174668029</ActualVolume>
            <ActualVolumeL>0.488151174668029</ActualVolumeL>
            <ProductValue>0</ProductValue>
            <AdditiveType>Metallic</AdditiveType>
          </ingredient>
          <ingredient>
            <ProductNumber>523648</ProductNumber>
            <IngredientName>Autobase Plus MM Q439</IngredientName>
          </ingredient>
        </MixComponents>
      </MixInformation>
    </Mixes>
  </PaintInformation>
</ArrayOfPaintInformation>
```

```

<Description>Autobase Plus MM</Description>
<ActualGramms>5.1</ActualGramms>
<SpecificGravity>1.003</SpecificGravity>
<ActualVolume>5.08474576271186</ActualVolume>
<ActualVolumeL>0.00508474576271186</ActualVolumeL>
<ProductValue>0</ProductValue>
<AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>27.9</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>28.6447638603696</ActualVolume>
  <ActualVolumeL>0.0286447638603696</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>222</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>240.25974025974</ActualVolume>
  <ActualVolumeL>0.24025974025974</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>232.2</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>237.909836065574</ActualVolume>
  <ActualVolumeL>0.237909836065574</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.1.2 Export changes only for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test W01</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreateDate>2018-03-15T00:00:00</CreateDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai, Delta, Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

<RepairType />
<Notes />
<WorkOrderID>3</WorkOrderID>
<Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:32:32+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:32:32+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>477.9</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>488.151174668029</ActualVolume>
        <ActualVolumeL>0.488151174668029</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>5.1</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>5.08474576271186</ActualVolume>
        <ActualVolumeL>0.00508474576271186</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>27.9</ActualGramms>
        <SpecificGravity>0.974</SpecificGravity>
        <ActualVolume>28.6447638603696</ActualVolume>
        <ActualVolumeL>0.0286447638603696</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364696</ProductNumber>
        <IngredientName>Autobase Plus MM Q065</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>222</ActualGramms>
        <SpecificGravity>0.924</SpecificGravity>
        <ActualVolume>240.25974025974</ActualVolume>
        <ActualVolumeL>0.24025974025974</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Additive</AdditiveType>
      </ingredient>
    </MixComponents>
  </MixInformation>
</Mixes>

```

```

<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>232.2</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>237.909836065574</ActualVolume>
  <ActualVolumeL>0.237909836065574</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.1.3 Export complete usage for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:32+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:32:32+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>477.90000</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>488.15117466802860061287</ActualVolume>
        <ActualVolumeL>0.48815117466802860061287</ActualVolumeL>
        <ProductValue>0.000000000</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>5.10000</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>5.08474576271186440677</ActualVolume>
        <ActualVolumeL>0.00508474576271186440677</ActualVolumeL>
        <ProductValue>0.000000000</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>27.90000</ActualGramms>

```

```

<SpecificGravity>0.974</SpecificGravity>
<ActualVolume>28.64476386036960985626</ActualVolume>
<ActualVolumeL>0.02864476386036960985626</ActualVolumeL>
<ProductValue>0.000000000</ProductValue>
<AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>222.00000</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>240.25974025974025974025</ActualVolume>
  <ActualVolumeL>0.24025974025974025974025</ActualVolumeL>
  <ProductValue>0.000000000</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>232.20000</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>237.90983606557377049180</ActualVolume>
  <ActualVolumeL>0.2379098360655737704918</ActualVolumeL>
  <ProductValue>0.000000000</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
</MixComponents>
<WorkOrderSplit>
  <WorkOrders>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <MixSharePercentage>100.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.1.4 Export changes only for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:32+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D) </AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:32:32+01:00</LastMixedDate>
<DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
<CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>477.90000</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>488.15117466802860061287</ActualVolume>
    <ActualVolumeL>0.48815117466802860061287</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>5.10000</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>5.08474576271186440677</ActualVolume>
    <ActualVolumeL>0.00508474576271186440677</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>27.90000</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>28.64476386036960985626</ActualVolume>
    <ActualVolumeL>0.02864476386036960985626</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>222.00000</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>240.25974025974025974025</ActualVolume>
    <ActualVolumeL>0.24025974025974025974025</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>232.20000</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>237.90983606557377049180</ActualVolume>
    <ActualVolumeL>0.2379098360655737704918</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
</MixComponents>
<WorkOrderSplit>

```



```

<WorkOrders>
  <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
  <WorkOrderNumber>Test WO1</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai,Delta,Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>3</WorkOrderID>
  <MixSharePercentage>100.00000</MixSharePercentage>
</WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.2 Reassing repair order (add another repair order to mix – split between wo is 50%)

The example shows the behavior of export, in which another work order will be added to mix with one work order, and every work order will have 50% share.

3.3.2.2.1 Export complete usage for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.00005</AmountPoured>
        <Type>Color</Type>
        <Status>Complete</Status>
        <MixNumber>5</MixNumber>
        <CreatedBy>Shop Manager</CreatedBy>
        <CreatedByInitials>sm</CreatedByInitials>
        <MixOwner>Shop Manager</MixOwner>

```

```

<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D)</AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>238.95</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>244.075587334014</ActualVolume>
    <ActualVolumeL>0.244075587334014</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>2.55</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>2.54237288135593</ActualVolume>
    <ActualVolumeL>0.00254237288135593</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>13.95</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>14.3223819301848</ActualVolume>
    <ActualVolumeL>0.0143223819301848</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>111</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>120.12987012987</ActualVolume>
    <ActualVolumeL>0.12012987012987</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>116.1</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>118.954918032787</ActualVolume>
    <ActualVolumeL>0.118954918032787</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>

```

```

<DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
<WorkOrderNumber>Test WO2</WorkOrderNumber>
<WorkOrderStatus>OPEN</WorkOrderStatus>
<ColorCode>1C0</ColorCode>
<MainColor>1C0</MainColor>
<RgbColor>#82827F</RgbColor>
<Brand />
<Price>0</Price>
<MixCount>1</MixCount>
<CreateDate>2018-03-15T00:00:00</CreateDate>
<CustomerName />
<WorkProviderName />
<VehicleMake>Daihatsu</VehicleMake>
<VehicleModel>Atrai,Delta,Extol</VehicleModel>
<VehicleYear>1999-2003</VehicleYear>
<LicensePlate />
<VehicleIdentificationNumber />
<RepairType />
<Notes />
<WorkOrderID>4</WorkOrderID>
<Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu,Silver,Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>238.95</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>244.075587334014</ActualVolume>
        <ActualVolumeL>0.244075587334014</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>2.55</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>2.54237288135593</ActualVolume>
        <ActualVolumeL>0.00254237288135593</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>13.95</ActualGramms>

```

```

    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>14.3223819301848</ActualVolume>
    <ActualVolumeL>0.0143223819301848</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>111</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>120.12987012987</ActualVolume>
    <ActualVolumeL>0.12012987012987</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>116.1</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>118.954918032787</ActualVolume>
    <ActualVolumeL>0.118954918032787</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.2.2 Export changes only for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreateDate>2018-03-15T00:00:00</CreateDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
  </Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
  </MixInformation>
</ArrayOfPaintInformation>

```

```

<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D)</AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu,Silver,Pearl Metallic 2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>-238.95</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>-244.075587334014</ActualVolume>
    <ActualVolumeL>-0.244075587334014</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>-2.54</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>-2.54237288135593</ActualVolume>
    <ActualVolumeL>-0.00254237288135593</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>-13.95</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>-14.3223819301848</ActualVolume>
    <ActualVolumeL>-0.0143223819301848</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>-111</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>-120.12987012987</ActualVolume>
    <ActualVolumeL>-0.12012987012987</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>-116.1</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>-118.954918032787</ActualVolume>
    <ActualVolumeL>-0.118954918032787</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>

```

```

</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreateDate>2018-03-15T00:00:00</CreateDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai,Delta,Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>4</WorkOrderID>
</Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu,Silver,Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>238.95</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>244.075587334014</ActualVolume>
        <ActualVolumeL>0.244075587334014</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>2.55</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>2.54237288135593</ActualVolume>
        <ActualVolumeL>0.00254237288135593</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>

```

```

<IngredientName>Autobase Plus MM Q190</IngredientName>
<Description>Autobase Plus MM</Description>
<ActualGramms>13.95</ActualGramms>
<SpecificGravity>0.974</SpecificGravity>
<ActualVolume>14.3223819301848</ActualVolume>
<ActualVolumeL>0.0143223819301848</ActualVolumeL>
<ProductValue>0</ProductValue>
<AdditiveType>Solid</AdditiveType>
</ingredient>
</ingredient>
<ProductNumber>364696</ProductNumber>
<IngredientName>Autobase Plus MM Q065</IngredientName>
<Description>Autobase Plus MM</Description>
<ActualGramms>111</ActualGramms>
<SpecificGravity>0.924</SpecificGravity>
<ActualVolume>120.12987012987</ActualVolume>
<ActualVolumeL>0.12012987012987</ActualVolumeL>
<ProductValue>0</ProductValue>
<AdditiveType>Additive</AdditiveType>
</ingredient>
</ingredient>
<ProductNumber>364162</ProductNumber>
<IngredientName>Autobase Plus MM Q811J</IngredientName>
<Description>Autobase Plus MM</Description>
<ActualGramms>116.1</ActualGramms>
<SpecificGravity>0.976</SpecificGravity>
<ActualVolume>118.954918032787</ActualVolume>
<ActualVolumeL>0.118954918032787</ActualVolumeL>
<ProductValue>0</ProductValue>
<AdditiveType>Metallic</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.2.3 Export complete usage for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>477.90000</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>488.15117466802860061287</ActualVolume>

```

```

    <ActualVolumeL>0.48815117466802860061287</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>5.10000</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>5.08474576271186440677</ActualVolume>
    <ActualVolumeL>0.00508474576271186440677</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>27.90000</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>28.64476386036960985626</ActualVolume>
    <ActualVolumeL>0.02864476386036960985626</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>222.00000</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>240.25974025974025974025</ActualVolume>
    <ActualVolumeL>0.24025974025974025974025</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>232.20000</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>237.90983606557377049180</ActualVolume>
    <ActualVolumeL>0.2379098360655737704918</ActualVolumeL>
    <ProductValue>0.000000000</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
</MixComponents>
<WorkOrderSplit>
  <WorkOrders>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test W01</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
  </WorkOrders>
</WorkOrderSplit>

```



```

    <WorkOrderID>3</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
  <WorkOrders>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <WorkOrderNumber>Test WO2</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>4</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.2.4 Export changes only for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.00005</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:35:11+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu,Silver,Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents />
  <WorkOrderSplit>
    <WorkOrders>
      <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
      <WorkOrderNumber>Test WO1</WorkOrderNumber>
      <WorkOrderStatus>OPEN</WorkOrderStatus>
      <ColorCode>1C0</ColorCode>
      <MainColor>1C0</MainColor>
      <RgbColor>#82827F</RgbColor>
      <Brand />
      <CreatedDate>2018-03-15T00:00:00</CreatedDate>
      <CustomerName />
      <WorkProviderName />
      <VehicleMake>Daihatsu</VehicleMake>
      <VehicleModel>Atrai,Delta,Extol</VehicleModel>
      <VehicleYear>1999-2003</VehicleYear>
      <LicensePlate />
    </WorkOrders>
  </WorkOrderSplit>
</ArrayOfPaintInformation>

```

```

    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
  <WorkOrders>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <WorkOrderNumber>Test W02</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>4</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.3 Tint color mix (add extra volume for used toners)

This is the case of adding another color to existing mix (color only), with two assigned work orders.

3.3.2.3.1 Export complete usage for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test W01</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:38:33+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.06725</AmountPoured>
        <Type>Color</Type>
        <Status>Complete</Status>
      </MixInformation>
    </Mixes>
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

<MixNumber>5</MixNumber>
<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D) </AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:38:33+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu, Silver, Pearl Metallic
2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>263.95</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>269.611848825332</ActualVolume>
    <ActualVolumeL>0.269611848825332</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>2.55</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>2.54237288135593</ActualVolume>
    <ActualVolumeL>0.00254237288135593</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>13.95</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>14.3223819301848</ActualVolume>
    <ActualVolumeL>0.0143223819301848</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>116.1</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>118.954918032787</ActualVolume>
    <ActualVolumeL>0.118954918032787</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>118.45</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>128.192640692641</ActualVolume>
    <ActualVolumeL>0.128192640692641</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
</MixComponents>

```

```

    </MixComponents>
  </MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai,Delta,Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>4</WorkOrderID>
  <Mixes>
    <MixInformation>
      <DateChanged>2018-03-15T02:38:33+01:00</DateChanged>
      <MixDescription>Silver</MixDescription>
      <Brand>Sikkens</Brand>
      <MixProduct>Autobase Plus MM</MixProduct>
      <AmountPoured>1.06725</AmountPoured>
      <Type>Color</Type>
      <Status>Complete</Status>
      <MixNumber>5</MixNumber>
      <CreatedBy>Shop Manager</CreatedBy>
      <CreatedByInitials>sm</CreatedByInitials>
      <MixOwner>Shop Manager</MixOwner>
      <MixOwnerInitials>sm</MixOwnerInitials>
      <AkzoCode>DAH1C0 (D)</AkzoCode>
      <OwnColorNumber />
      <LastMixedDate>2018-03-15T02:38:33+01:00</LastMixedDate>
      <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
      <MixValue>0.00000</MixValue>
      <ProductCategory />
      <MixComponents>
        <ingredient>
          <ProductNumber>523670</ProductNumber>
          <IngredientName>Autobase Plus MM Q811M</IngredientName>
          <Description>Autobase Plus MM</Description>
          <ActualGramms>263.95</ActualGramms>
          <SpecificGravity>0.979</SpecificGravity>
          <ActualVolume>269.611848825332</ActualVolume>
          <ActualVolumeL>0.269611848825332</ActualVolumeL>
          <ProductValue>0</ProductValue>
          <AdditiveType>Metallic</AdditiveType>
        </ingredient>
        <ingredient>
          <ProductNumber>523648</ProductNumber>
          <IngredientName>Autobase Plus MM Q439</IngredientName>
          <Description>Autobase Plus MM</Description>
          <ActualGramms>2.55</ActualGramms>
          <SpecificGravity>1.003</SpecificGravity>
          <ActualVolume>2.54237288135593</ActualVolume>
          <ActualVolumeL>0.00254237288135593</ActualVolumeL>
          <ProductValue>0</ProductValue>
          <AdditiveType>Solid</AdditiveType>
        </ingredient>
      </MixComponents>
    </MixInformation>
  </Mixes>

```

```

</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>13.95</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>14.3223819301848</ActualVolume>
  <ActualVolumeL>0.0143223819301848</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>116.1</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>118.954918032787</ActualVolume>
  <ActualVolumeL>0.118954918032787</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>118.45</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>128.192640692641</ActualVolume>
  <ActualVolumeL>0.128192640692641</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.3.2 Export changes only for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:38:33+01:00</DateChanged>

```

```

<MixDescription>Silver</MixDescription>
<Brand>Sikkens</Brand>
<MixProduct>Autobase Plus MM</MixProduct>
<AmountPoured>1.06725</AmountPoured>
<Type>Color</Type>
<Status>Complete</Status>
<MixNumber>5</MixNumber>
<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D) </AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:38:33+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu, Silver, Pearl           Metallic
2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>12.5</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>12.7681307456588</ActualVolume>
    <ActualVolumeL>0.0127681307456588</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>3.725</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>4.03138528138528</ActualVolume>
    <ActualVolumeL>0.00403138528138528</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai, Delta, Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>4</WorkOrderID>
</Mixes>
  <MixInformation>

```

```

<DateChanged>2018-03-15T02:38:33+01:00</DateChanged>
<MixDescription>Silver</MixDescription>
<Brand>Sikkens</Brand>
<MixProduct>Autobase Plus MM</MixProduct>
<AmountPoured>1.06725</AmountPoured>
<Type>Color</Type>
<Status>Complete</Status>
<MixNumber>5</MixNumber>
<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D)</AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:38:33+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu, Silver, Pearl                Metallic
2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>12.5</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>12.7681307456588</ActualVolume>
    <ActualVolumeL>0.0127681307456588</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>3.725</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>4.03138528138528</ActualVolume>
    <ActualVolumeL>0.00403138528138528</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.3.3 Export complete usage for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:38:33+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.06725</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:38:33+01:00</LastMixedDate>

```

```

<DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
<CombinedMixDescription>Daihatsu,Silver,Pearl Metallic 2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>50</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>51.0725229826353</ActualVolume>
    <ActualVolumeL>0.0510725229826353</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>14.9</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>16.1255411255411</ActualVolume>
    <ActualVolumeL>0.0161255411255411</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
</MixComponents>
<WorkOrderSplit>
  <WorkOrders>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
  <WorkOrders>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <WorkOrderNumber>Test WO2</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
  </WorkOrders>

```



```

    <WorkOrderID>4</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.3.4 Export changes only for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-02-09T01:52:14+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.39166</AmountPoured>
    <Type>Color</Type>
    <Status>Complete</Status>
    <MixNumber>102</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-02-09T12:00:00+01:00</LastMixedDate>
    <DateCreated>2018-02-09T11:38:35+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl                Metallic
  2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>364166</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>61.5</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>62.8192032686414</ActualVolume>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364069</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>0.1</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>0.0997008973080753</ActualVolume>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364058</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>0.5</ActualGramms>
        <SpecificGravity>0.974</SpecificGravity>
        <ActualVolume>0.513347022587272</ActualVolume>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364162</ProductNumber>
        <IngredientName>Autobase Plus MM Q811J</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>5</ActualGramms>
        <SpecificGravity>0.976</SpecificGravity>

```

```

    <ActualVolume>5.1229508196721</ActualVolume>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>20</ActualGramms>
    <SpecificGravity>0.924</SpecificGravity>
    <ActualVolume>21.6450216450217</ActualVolume>
    <ProductValue>0</ProductValue>
    <AdditiveType>Additive</AdditiveType>
  </ingredient>
</MixComponents>
<WorkOrderSplit>
  <WorkOrders>
    <DateChanged>2018-02-09T11:38:39+01:00</DateChanged>
    <WorkOrderNumber>Test WO 1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>Atrai,Delta,Extol</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-02-09T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>59</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
  <WorkOrders>
    <DateChanged>2018-02-09T01:42:46+01:00</DateChanged>
    <WorkOrderNumber>Test WO 2</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-02-09T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>60</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.4 Mix RTS (1 mix with 2 orders)

The case of adding components to previously created mix with two assigned work orders. New mix (ready to spray) is created from previous mix (color only).

3.3.2.4.1 Export complete usage for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test W01</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.60084</AmountPoured>
        <Type>Color RTS</Type>
        <Status>Complete</Status>
        <MixNumber>5</MixNumber>
        <CreatedBy>Shop Manager</CreatedBy>
        <CreatedByInitials>sm</CreatedByInitials>
        <MixOwner>Shop Manager</MixOwner>
        <MixOwnerInitials>sm</MixOwnerInitials>
        <AkzoCode>DAH1C0 (D) </AkzoCode>
        <OwnColorNumber />
        <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
        <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
        <MixValue>0.00000</MixValue>
        <ProductCategory />
        <MixComponents>
          <ingredient>
            <ProductNumber>523670</ProductNumber>
            <IngredientName>Autobase Plus MM Q811M</IngredientName>
            <Description>Autobase Plus MM</Description>
            <ActualGramms>263.95</ActualGramms>
            <SpecificGravity>0.979</SpecificGravity>
            <ActualVolume>269.611848825332</ActualVolume>
            <ActualVolumeL>0.269611848825332</ActualVolumeL>
            <ProductValue>0</ProductValue>
            <AdditiveType>Metallic</AdditiveType>
          </ingredient>
          <ingredient>
            <ProductNumber>523648</ProductNumber>
            <IngredientName>Autobase Plus MM Q439</IngredientName>
            <Description>Autobase Plus MM</Description>
            <ActualGramms>2.55</ActualGramms>
            <SpecificGravity>1.003</SpecificGravity>
            <ActualVolume>2.54237288135593</ActualVolume>
            <ActualVolumeL>0.00254237288135593</ActualVolumeL>
            <ProductValue>0</ProductValue>
            <AdditiveType>Solid</AdditiveType>
          </ingredient>
        </MixComponents>
      </MixInformation>
    </Mixes>
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>13.95</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>14.3223819301848</ActualVolume>
  <ActualVolumeL>0.0143223819301848</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>116.1</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>118.954918032787</ActualVolume>
  <ActualVolumeL>0.118954918032787</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>118.45</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>128.192640692641</ActualVolume>
  <ActualVolumeL>0.128192640692641</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>245.45</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>266.79347826087</ActualVolume>
  <ActualVolumeL>0.26679347826087</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai, Delta, Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />

```

```

<Notes />
<WorkOrderID>4</WorkOrderID>
<Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.60084</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>263.95</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>269.611848825332</ActualVolume>
        <ActualVolumeL>0.269611848825332</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>2.55</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>2.54237288135593</ActualVolume>
        <ActualVolumeL>0.00254237288135593</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>13.95</ActualGramms>
        <SpecificGravity>0.974</SpecificGravity>
        <ActualVolume>14.3223819301848</ActualVolume>
        <ActualVolumeL>0.0143223819301848</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364162</ProductNumber>
        <IngredientName>Autobase Plus MM Q811J</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>116.1</ActualGramms>
        <SpecificGravity>0.976</SpecificGravity>
        <ActualVolume>118.954918032787</ActualVolume>
        <ActualVolumeL>0.118954918032787</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
    </MixComponents>
  </MixInformation>
  Metallic

```

```

<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>118.45</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>128.192640692641</ActualVolume>
  <ActualVolumeL>0.128192640692641</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>245.45</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>266.79347826087</ActualVolume>
  <ActualVolumeL>0.26679347826087</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.4.2 Export changes only for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.60084</AmountPoured>
        <Type>Color RTS</Type>
        <Status>Complete</Status>
        <MixNumber>5</MixNumber>
        <CreatedBy>Shop Manager</CreatedBy>
        <CreatedByInitials>sm</CreatedByInitials>
        <MixOwner>Shop Manager</MixOwner>
        <MixOwnerInitials>sm</MixOwnerInitials>
      </MixInformation>
    </Mixes>
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>525759</ProductNumber>
        <IngredientName>Plus Reducer Extra Slow</IngredientName>
        <Description>Plus Reducer Extra Slow</Description>
        <ActualGramms>245.45</ActualGramms>
        <SpecificGravity>0.920</SpecificGravity>
        <ActualVolume>266.79347826087</ActualVolume>
        <ActualVolumeL>0.26679347826087</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Mixing thinners</AdditiveType>
      </ingredient>
    </MixComponents>
  </MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai, Delta, Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>4</WorkOrderID>
  <Mixes>
    <MixInformation>
      <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
      <MixDescription>Silver</MixDescription>
      <Brand>Sikkens</Brand>
      <MixProduct>Autobase Plus MM</MixProduct>
      <AmountPoured>1.60084</AmountPoured>
      <Type>Color RTS</Type>
      <Status>Complete</Status>
      <MixNumber>5</MixNumber>
      <CreatedBy>Shop Manager</CreatedBy>
      <CreatedByInitials>sm</CreatedByInitials>
      <MixOwner>Shop Manager</MixOwner>
      <MixOwnerInitials>sm</MixOwnerInitials>
      <AkzoCode>DAH1C0 (D) </AkzoCode>
      <OwnColorNumber />
      <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
      <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
      <MixValue>0.00000</MixValue>
      <ProductCategory />
      <MixComponents>
        <ingredient>
          <ProductNumber>525759</ProductNumber>

```

```

    <IngredientName>Plus Reducer Extra Slow</IngredientName>
    <Description>Plus Reducer Extra Slow</Description>
    <ActualGramms>245.45</ActualGramms>
    <SpecificGravity>0.920</SpecificGravity>
    <ActualVolume>266.79347826087</ActualVolume>
    <ActualVolumeL>0.26679347826087</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Mixing thinners</AdditiveType>
  </ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.4.3 Export complete usage for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.60084</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl                Metallic
2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>527.90000</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>539.22369765066394279877</ActualVolume>
        <ActualVolumeL>0.53922369765066394279877</ActualVolumeL>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>5.10000</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>5.08474576271186440677</ActualVolume>
        <ActualVolumeL>0.00508474576271186440677</ActualVolumeL>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>27.90000</ActualGramms>

```



```

<SpecificGravity>0.974</SpecificGravity>
<ActualVolume>28.64476386036960985626</ActualVolume>
<ActualVolumeL>0.02864476386036960985626</ActualVolumeL>
<ProductValue>0.000000000</ProductValue>
<AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>232.20000</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>237.90983606557377049180</ActualVolume>
  <ActualVolumeL>0.2379098360655737704918</ActualVolumeL>
  <ProductValue>0.000000000</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>236.90000</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>256.38528138528138528138</ActualVolume>
  <ActualVolumeL>0.25638528138528138528138</ActualVolumeL>
  <ProductValue>0.000000000</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>490.90000</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>533.58695652173913043478</ActualVolume>
  <ActualVolumeL>0.53358695652173913043478</ActualVolumeL>
  <ProductValue>0.000000000</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
<WorkOrderSplit>
  <WorkOrders>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai, Delta, Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
  <WorkOrders>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <WorkOrderNumber>Test WO2</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>

```

```

    <RgbColor>#82827F</RgbColor>
    <Brand />
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>4</WorkOrderID>
    <MixSharePercentage>50.00000</MixSharePercentage>
  </WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.4.4 Export changes only for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:40:44+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.60084</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D)</AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:40:44+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic 2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>525759</ProductNumber>
        <IngredientName>Plus Reducer Extra Slow</IngredientName>
        <Description>Plus Reducer Extra Slow</Description>
        <ActualGramms>490.90000</ActualGramms>
        <SpecificGravity>0.920</SpecificGravity>
        <ActualVolume>533.58695652173913043478</ActualVolume>
        <ActualVolumeL>0.53358695652173913043478</ActualVolumeL>
        <ProductValue>0.000000000</ProductValue>
        <AdditiveType>Mixing thinners</AdditiveType>
      </ingredient>
    </MixComponents>
  <WorkOrderSplit>
    <WorkOrders>
      <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
      <WorkOrderNumber>Test W01</WorkOrderNumber>
      <WorkOrderStatus>OPEN</WorkOrderStatus>
      <ColorCode>1C0</ColorCode>
      <MainColor>1C0</MainColor>
      <RgbColor>#82827F</RgbColor>
      <Brand />
      <CreatedDate>2018-03-15T00:00:00</CreatedDate>
      <CustomerName />
      <WorkProviderName />
    </WorkOrders>
  </WorkOrderSplit>
</ArrayOfPaintInformation>

```

```

<VehicleMake>Daihatsu</VehicleMake>
<VehicleModel>Atrai,Delta,Extol</VehicleModel>
<VehicleYear>1999-2003</VehicleYear>
<LicensePlate />
<VehicleIdentificationNumber />
<RepairType />
<Notes />
<WorkOrderID>3</WorkOrderID>
<MixSharePercentage>50.00000</MixSharePercentage>
</WorkOrders>
<WorkOrders>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai,Delta,Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />
  <Notes />
  <WorkOrderID>4</WorkOrderID>
  <MixSharePercentage>50.00000</MixSharePercentage>
</WorkOrders>
</WorkOrderSplit>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.5 Reassing repair order (remove form mix all assigned repair orders – wix will be exist without any repair order)

The case of deleting assigned work orders from the mix (ready to spray), so that the final mix won't have any work orders assigned.

3.3.2.5.1 Export complete usage for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test WO1</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>

```

```

<DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
<MixDescription>Silver</MixDescription>
<Brand>Sikkens</Brand>
<MixProduct>Autobase Plus MM</MixProduct>
<AmountPoured>1.60084</AmountPoured>
<Type>Color RTS</Type>
<Status>Complete</Status>
<MixNumber>5</MixNumber>
<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D)</AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
<CombinedMixDescription>Daihatsu, Silver, Pearl                Metallic
2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents>
  <ingredient>
    <ProductNumber>523670</ProductNumber>
    <IngredientName>Autobase Plus MM Q811M</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>0</ActualGramms>
    <SpecificGravity>0.979</SpecificGravity>
    <ActualVolume>0</ActualVolume>
    <ActualVolumeL>0</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523648</ProductNumber>
    <IngredientName>Autobase Plus MM Q439</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>0</ActualGramms>
    <SpecificGravity>1.003</SpecificGravity>
    <ActualVolume>0</ActualVolume>
    <ActualVolumeL>0</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>523626</ProductNumber>
    <IngredientName>Autobase Plus MM Q190</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>0</ActualGramms>
    <SpecificGravity>0.974</SpecificGravity>
    <ActualVolume>0</ActualVolume>
    <ActualVolumeL>0</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Solid</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364162</ProductNumber>
    <IngredientName>Autobase Plus MM Q811J</IngredientName>
    <Description>Autobase Plus MM</Description>
    <ActualGramms>0</ActualGramms>
    <SpecificGravity>0.976</SpecificGravity>
    <ActualVolume>0</ActualVolume>
    <ActualVolumeL>0</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Metallic</AdditiveType>
  </ingredient>
  <ingredient>
    <ProductNumber>364696</ProductNumber>
    <IngredientName>Autobase Plus MM Q065</IngredientName>
    <Description>Autobase Plus MM</Description>
  </ingredient>

```

```

        <ActualGramms>0</ActualGramms>
        <SpecificGravity>0.924</SpecificGravity>
        <ActualVolume>0</ActualVolume>
        <ActualVolumeL>0</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Additive</AdditiveType>
    </ingredient>
</ingredient>
    <ProductNumber>525759</ProductNumber>
    <IngredientName>Plus Reducer Extra Slow</IngredientName>
    <Description>Plus Reducer Extra Slow</Description>
    <ActualGramms>0</ActualGramms>
    <SpecificGravity>0.920</SpecificGravity>
    <ActualVolume>0</ActualVolume>
    <ActualVolumeL>0</ActualVolumeL>
    <ProductValue>0</ProductValue>
    <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
    <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
    <WorkOrderNumber>Test WO2</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>4</WorkOrderID>
    <Mixes>
        <MixInformation>
            <DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
            <MixDescription>Silver</MixDescription>
            <Brand>Sikkens</Brand>
            <MixProduct>Autobase Plus MM</MixProduct>
            <AmountPoured>1.60084</AmountPoured>
            <Type>Color RTS</Type>
            <Status>Complete</Status>
            <MixNumber>5</MixNumber>
            <CreatedBy>Shop Manager</CreatedBy>
            <CreatedByInitials>sm</CreatedByInitials>
            <MixOwner>Shop Manager</MixOwner>
            <MixOwnerInitials>sm</MixOwnerInitials>
            <AkzoCode>DAH1C0 (D) </AkzoCode>
            <OwnColorNumber />
            <LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
            <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
            <MixValue>0.00000</MixValue>
            <ProductCategory />
            <MixComponents>
                <ingredient>
                    <ProductNumber>523670</ProductNumber>
                    <IngredientName>Autobase Plus MM Q811M</IngredientName>

```

```

<Description>Autobase Plus MM</Description>
<ActualGramms>0</ActualGramms>
<SpecificGravity>0.979</SpecificGravity>
<ActualVolume>0</ActualVolume>
<ActualVolumeL>0</ActualVolumeL>
<ProductValue>0</ProductValue>
<AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>523648</ProductNumber>
  <IngredientName>Autobase Plus MM Q439</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>0</ActualGramms>
  <SpecificGravity>1.003</SpecificGravity>
  <ActualVolume>0</ActualVolume>
  <ActualVolumeL>0</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>0</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>0</ActualVolume>
  <ActualVolumeL>0</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>0</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>0</ActualVolume>
  <ActualVolumeL>0</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>0</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>0</ActualVolume>
  <ActualVolumeL>0</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>0</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>0</ActualVolume>
  <ActualVolumeL>0</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.5.2 Export changes only for repair orders

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:32:29+01:00</DateChanged>
    <WorkOrderNumber>Test W01</WorkOrderNumber>
    <WorkOrderStatus>OPEN</WorkOrderStatus>
    <ColorCode>1C0</ColorCode>
    <MainColor>1C0</MainColor>
    <RgbColor>#82827F</RgbColor>
    <Brand />
    <Price>0</Price>
    <MixCount>1</MixCount>
    <CreatedDate>2018-03-15T00:00:00</CreatedDate>
    <CustomerName />
    <WorkProviderName />
    <VehicleMake>Daihatsu</VehicleMake>
    <VehicleModel>Atrai,Delta,Extol</VehicleModel>
    <VehicleYear>1999-2003</VehicleYear>
    <LicensePlate />
    <VehicleIdentificationNumber />
    <RepairType />
    <Notes />
    <WorkOrderID>3</WorkOrderID>
    <Mixes>
      <MixInformation>
        <DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
        <MixDescription>Silver</MixDescription>
        <Brand>Sikkens</Brand>
        <MixProduct>Autobase Plus MM</MixProduct>
        <AmountPoured>1.60084</AmountPoured>
        <Type>Color RTS</Type>
        <Status>Complete</Status>
        <MixNumber>5</MixNumber>
        <CreatedBy>Shop Manager</CreatedBy>
        <CreatedByInitials>sm</CreatedByInitials>
        <MixOwner>Shop Manager</MixOwner>
        <MixOwnerInitials>sm</MixOwnerInitials>
        <AkzoCode>DAH1C0 (D) </AkzoCode>
        <OwnColorNumber />
        <LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
        <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
        <MixValue>0.00000</MixValue>
        <ProductCategory />
        <MixComponents>
          <ingredient>
            <ProductNumber>523670</ProductNumber>
            <IngredientName>Autobase Plus MM Q811M</IngredientName>
            <Description>Autobase Plus MM</Description>
            <ActualGramms>-263.95</ActualGramms>
            <SpecificGravity>0.979</SpecificGravity>
            <ActualVolume>-269.611848825332</ActualVolume>
            <ActualVolumeL>-0.269611848825332</ActualVolumeL>
            <ProductValue>0</ProductValue>
            <AdditiveType>Metallic</AdditiveType>
          </ingredient>
          <ingredient>
            <ProductNumber>523648</ProductNumber>
            <IngredientName>Autobase Plus MM Q439</IngredientName>
            <Description>Autobase Plus MM</Description>
            <ActualGramms>-2.54</ActualGramms>
            <SpecificGravity>1.003</SpecificGravity>
            <ActualVolume>-2.54237288135593</ActualVolume>
            <ActualVolumeL>-0.00254237288135593</ActualVolumeL>
            <ProductValue>0</ProductValue>
            <AdditiveType>Solid</AdditiveType>
          </ingredient>
        </MixComponents>
      </MixInformation>
    </Mixes>
  </PaintInformation>
</ArrayOfPaintInformation>

```

```

</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>-13.95</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>-14.3223819301848</ActualVolume>
  <ActualVolumeL>-0.0143223819301848</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>-116.1</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>-118.954918032787</ActualVolume>
  <ActualVolumeL>-0.118954918032787</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>-118.45</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>-128.192640692641</ActualVolume>
  <ActualVolumeL>-0.128192640692641</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>-245.45</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>-266.79347826087</ActualVolume>
  <ActualVolumeL>-0.26679347826087</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
<PaintInformation>
  <DateChanged>2018-03-15T02:35:11+01:00</DateChanged>
  <WorkOrderNumber>Test WO2</WorkOrderNumber>
  <WorkOrderStatus>OPEN</WorkOrderStatus>
  <ColorCode>1C0</ColorCode>
  <MainColor>1C0</MainColor>
  <RgbColor>#82827F</RgbColor>
  <Brand />
  <Price>0</Price>
  <MixCount>1</MixCount>
  <CreatedDate>2018-03-15T00:00:00</CreatedDate>
  <CustomerName />
  <WorkProviderName />
  <VehicleMake>Daihatsu</VehicleMake>
  <VehicleModel>Atrai, Delta, Extol</VehicleModel>
  <VehicleYear>1999-2003</VehicleYear>
  <LicensePlate />
  <VehicleIdentificationNumber />
  <RepairType />

```



```

<Notes />
<WorkOrderID>4</WorkOrderID>
<Mixes>
  <MixInformation>
    <DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.60084</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
    <CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>-263.95</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>-269.611848825332</ActualVolume>
        <ActualVolumeL>-0.269611848825332</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>
        <IngredientName>Autobase Plus MM Q439</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>-2.54</ActualGramms>
        <SpecificGravity>1.003</SpecificGravity>
        <ActualVolume>-2.54237288135593</ActualVolume>
        <ActualVolumeL>-0.00254237288135593</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523626</ProductNumber>
        <IngredientName>Autobase Plus MM Q190</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>-13.95</ActualGramms>
        <SpecificGravity>0.974</SpecificGravity>
        <ActualVolume>-14.3223819301848</ActualVolume>
        <ActualVolumeL>-0.0143223819301848</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Solid</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>364162</ProductNumber>
        <IngredientName>Autobase Plus MM Q811J</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>-116.1</ActualGramms>
        <SpecificGravity>0.976</SpecificGravity>
        <ActualVolume>-118.954918032787</ActualVolume>
        <ActualVolumeL>-0.118954918032787</ActualVolumeL>
        <ProductValue>0</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
    </MixComponents>
  </MixInformation>
  Metallic

```

```

<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>-118.45</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>-128.192640692641</ActualVolume>
  <ActualVolumeL>-0.128192640692641</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>-245.45</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>-266.79347826087</ActualVolume>
  <ActualVolumeL>-0.26679347826087</ActualVolumeL>
  <ProductValue>0</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
</MixInformation>
</Mixes>
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.5.3 Export complete usage for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>
    <AmountPoured>1.60084</AmountPoured>
    <Type>Color RTS</Type>
    <Status>Complete</Status>
    <MixNumber>5</MixNumber>
    <CreatedBy>Shop Manager</CreatedBy>
    <CreatedByInitials>sm</CreatedByInitials>
    <MixOwner>Shop Manager</MixOwner>
    <MixOwnerInitials>sm</MixOwnerInitials>
    <AkzoCode>DAH1C0 (D) </AkzoCode>
    <OwnColorNumber />
    <LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
    <DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
    <CombinedMixDescription>Daihatsu, Silver, Pearl Metallic
2coat</CombinedMixDescription>
    <MixValue>0.00000</MixValue>
    <ProductCategory />
    <MixComponents>
      <ingredient>
        <ProductNumber>523670</ProductNumber>
        <IngredientName>Autobase Plus MM Q811M</IngredientName>
        <Description>Autobase Plus MM</Description>
        <ActualGramms>527.90000</ActualGramms>
        <SpecificGravity>0.979</SpecificGravity>
        <ActualVolume>539.22369765066394279877</ActualVolume>
        <ActualVolumeL>0.53922369765066394279877</ActualVolumeL>
        <ProductValue>0.0000000000</ProductValue>
        <AdditiveType>Metallic</AdditiveType>
      </ingredient>
      <ingredient>
        <ProductNumber>523648</ProductNumber>

```

```

<IngredientName>Autobase Plus MM Q439</IngredientName>
<Description>Autobase Plus MM</Description>
<ActualGramms>5.10000</ActualGramms>
<SpecificGravity>1.003</SpecificGravity>
<ActualVolume>5.08474576271186440677</ActualVolume>
<ActualVolumeL>0.00508474576271186440677</ActualVolumeL>
<ProductValue>0.0000000000</ProductValue>
<AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>523626</ProductNumber>
  <IngredientName>Autobase Plus MM Q190</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>27.90000</ActualGramms>
  <SpecificGravity>0.974</SpecificGravity>
  <ActualVolume>28.64476386036960985626</ActualVolume>
  <ActualVolumeL>0.02864476386036960985626</ActualVolumeL>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Solid</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364162</ProductNumber>
  <IngredientName>Autobase Plus MM Q811J</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>232.20000</ActualGramms>
  <SpecificGravity>0.976</SpecificGravity>
  <ActualVolume>237.90983606557377049180</ActualVolume>
  <ActualVolumeL>0.2379098360655737704918</ActualVolumeL>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Metallic</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>364696</ProductNumber>
  <IngredientName>Autobase Plus MM Q065</IngredientName>
  <Description>Autobase Plus MM</Description>
  <ActualGramms>236.90000</ActualGramms>
  <SpecificGravity>0.924</SpecificGravity>
  <ActualVolume>256.38528138528138528138</ActualVolume>
  <ActualVolumeL>0.25638528138528138528138</ActualVolumeL>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Additive</AdditiveType>
</ingredient>
<ingredient>
  <ProductNumber>525759</ProductNumber>
  <IngredientName>Plus Reducer Extra Slow</IngredientName>
  <Description>Plus Reducer Extra Slow</Description>
  <ActualGramms>490.90000</ActualGramms>
  <SpecificGravity>0.920</SpecificGravity>
  <ActualVolume>533.58695652173913043478</ActualVolume>
  <ActualVolumeL>0.53358695652173913043478</ActualVolumeL>
  <ProductValue>0.0000000000</ProductValue>
  <AdditiveType>Mixing thinners</AdditiveType>
</ingredient>
</MixComponents>
<WorkOrderSplit />
</PaintInformation>
</ArrayOfPaintInformation>

```

3.3.2.5.4 Export changes only for mix

```

<?xml version="1.0" encoding="utf-8"?>
<ArrayOfPaintInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <PaintInformation>
    <DateChanged>2018-03-15T02:42:46+01:00</DateChanged>
    <MixDescription>Silver</MixDescription>
    <Brand>Sikkens</Brand>
    <MixProduct>Autobase Plus MM</MixProduct>

```

```

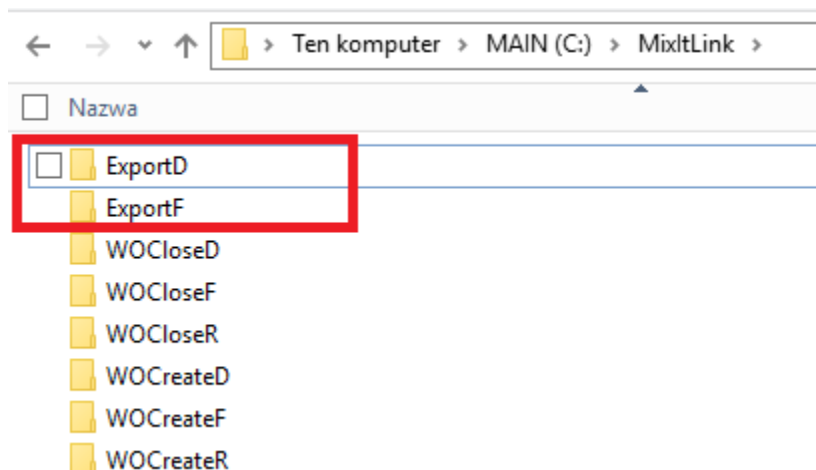
<AmountPoured>1.60084</AmountPoured>
<Type>Color RTS</Type>
<Status>Complete</Status>
<MixNumber>5</MixNumber>
<CreatedBy>Shop Manager</CreatedBy>
<CreatedByInitials>sm</CreatedByInitials>
<MixOwner>Shop Manager</MixOwner>
<MixOwnerInitials>sm</MixOwnerInitials>
<AkzoCode>DAH1C0 (D)</AkzoCode>
<OwnColorNumber />
<LastMixedDate>2018-03-15T02:42:46+01:00</LastMixedDate>
<DateCreated>2018-03-15T02:32:15+01:00</DateCreated>
<CombinedMixDescription>Daihatsu, Silver, Pearl
2coat</CombinedMixDescription>
<MixValue>0.00000</MixValue>
<ProductCategory />
<MixComponents />
<WorkOrderSplit />
</PaintInformation>
</ArrayOfPaintInformation>

```

Metallic

3.4 Default folders structure

Default folders structure for plugin, created during the installation looks as follows:



4 MixItLinkWS Plugin

4.1 Definition

MixItLinkWS plugin provides the System local Web Service functionality. Web Service SOPA definition is described in *MixItLinkWS.xml* file. MixItLinkWS defines 5 operations:

- CreateWO
- CloseWO
- NewList
- DetailMix
- DetailWorkOrder

Each operation has authorization item MixItLinkAuth, it is defined as follows:

```

<xs:schema elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/MixItWebService"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:tns="http://schemas.datacontract.org/2004/07/MixItWebService">
  <xs:complexType name="MixItLinkAuth">
    <xs:sequence>

```

```

        <xs:element name="password" nillable="true" type="xs:string"/>
        <xs:element name="user" nillable="true" type="xs:string"/>
    </xs:sequence>
</xs:complexType>
<xs:element name="MixItLinkAuth" nillable="true" type="tns:MixItLinkAuth"/>
</xs:schema>

```

4.2 Operation CreateWO

Request to create work order is the same as xml file for CreateWO Plugin. Example of simple request that creates one work order:

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <CreateWO xmlns="http://tempuri.org/">
      <auth>
        <password
xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
        <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
      </auth>
      <request>
        <workOrderField xmlns="http://schemas.datacontract.org/2004/07/WOCreate">
          <ArrayOfWorkOrderWorkOrder>
            <customerNameField>TestCustomer</customerNameField>
            <dateChangedField>2018-02-06T10:10:11</dateChangedField>
            <dateChangedFieldSpecified>true</dateChangedFieldSpecified>
            <dateClosedField xsi:nil="true" />
            <dateClosedFieldSpecified>>false</dateClosedFieldSpecified>
            <dateDueField xsi:nil="true" />
            <dateDueFieldSpecified>>false</dateDueFieldSpecified>
            <licensePlateField>WWW1111</licensePlateField>
            <notesField>Test notes</notesField>
            <panelCountField>3</panelCountField>
            <repairTypeField xsi:nil="true" />
            <statusField>OPEN</statusField>
            <statusFieldSpecified>true</statusFieldSpecified>
            <vehicleIdentificationNumberField xsi:nil="true" />
            <vehicleMakeField>VIN1234EE1234</vehicleMakeField>
            <vehicleModelField xsi:nil="true" />
            <vehicleYearField xsi:nil="true" />
            <workOrderNumberField>Example WO</workOrderNumberField>
            <workProviderNameField xsi:nil="true" />
          </ArrayOfWorkOrderWorkOrder>
        </workOrderField>
      </request>
    </CreateWO>
  </soap:Body>
</soap:Envelope>

```

And response to this request:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <CreateWOResponse xmlns="http://tempuri.org/">
      <CreateWOResult xmlns:a="http://schemas.datacontract.org/2004/07/WOCreate"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:workOrderField>
          <a:CMCreateWOResponseWorkOrder>
            <a:errorDescriptionField/>
            <a:licensePlateField>WWW1111</a:licensePlateField>
            <a:statusField>OPEN</a:statusField>
            <a:vehicleIdentificationNumberField i:nil="true"/>
            <a:workOrderIDField>2</a:workOrderIDField>
            <a:workOrderNumberField>Example WO</a:workOrderNumberField>
          </a:CMCreateWOResponseWorkOrder>
        </a:workOrderField>
      </CreateWOResult>
    </CreateWOResponse>
  </s:Body>
</s:Envelope>

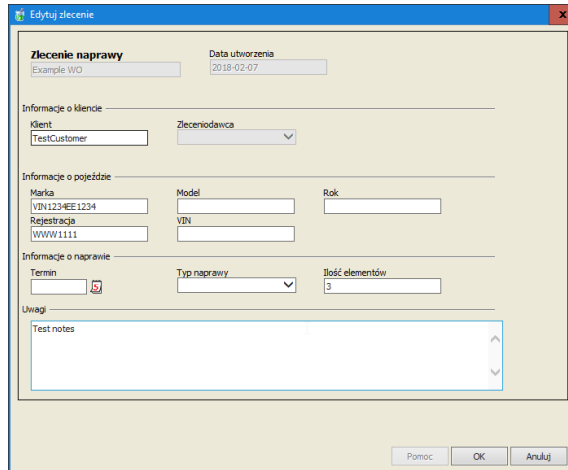
```

```

        </a:workOrderField>
    </CreateWOResult>
</CreateWOResponse>
</s:Body>
</s:Envelope>

```

Work Order has been created in Color Manager system:



In a case of any error, response has error description in errorDescriptionField, e.g. Duplicated WO:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <CreateWOResponse xmlns="http://tempuri.org/">
      <CreateWOResult xmlns:a="http://schemas.datacontract.org/2004/07/WOCreate"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:workOrderField>
          <a:CMCreateWOResponseWorkOrder>
            <a:errorDescriptionField>Duplicated WorkOrderNumber : \'Example
WO\'</a:errorDescriptionField>
            <a:licensePlateField>WWW1111</a:licensePlateField>
            <a:statusField>OPEN</a:statusField>
            <a:vehicleIdentificationNumberField i:nil="true"/>
            <a:workOrderIDField i:nil="true"/>
            <a:workOrderNumberField>Example WO</a:workOrderNumberField>
          </a:CMCreateWOResponseWorkOrder>
        </a:workOrderField>
      </CreateWOResult>
    </CreateWOResponse>
  </s:Body>
</s:Envelope>

```

4.3 Operation CloseWO

Request to close work order is the same to xml file for CloseWO Plugin. Example of simple request, that closes one work order:

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <CloseWO xmlns="http://tempuri.org/">
      <auth>
        <password
xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
        <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
      </auth>
      <request>
        <workOrderField xmlns="http://schemas.datacontract.org/2004/07/WOClose">

```

```

<ArrayOfWorkOrderCloseWorkOrder>
  <itemsElementNameField>
    <ItemsChoiceType>WorkOrderNumber</ItemsChoiceType>
  </itemsElementNameField>
  <itemsField>
    <string
xmlns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">ExampleWO</string>
    </itemsField>
    <notesField xsi:nil="true" />
    <statusFieldString>CLOSED</statusFieldString>
  </ArrayOfWorkOrderCloseWorkOrder>
</workOrderField>
</request>
</CloseWO>
</soap:Body>
</soap:Envelope>

```

And MixllinkWS Plugin response:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <CloseWOResponse xmlns="http://tempuri.org/">
      <CloseWOResult xmlns:a="http://schemas.datacontract.org/2004/07/WOClose"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:closedWorkOrdersField>
          <a:T_WorkOrder>
            <a:brandField i:nil="true"/>
            <a:closedDateField>2018-02-07T11:41:28.4870106</a:closedDateField>
            <a:closedDateFieldSpecified>true</a:closedDateFieldSpecified>
            <a:createdDateField>0001-01-01T00:00:00</a:createdDateField>
            <a:dateChangedField>2018-02-07T11:41:28.4870106</a:dateChangedField>
            <a:dateDueField>0001-01-01T00:00:00</a:dateDueField>
            <a:dateDueFieldSpecified>false</a:dateDueFieldSpecified>
            <a:errorDescriptionField/>
            <a:notesField/>
            <a:panelCountField>0</a:panelCountField>
            <a:panelCountFieldSpecified>false</a:panelCountFieldSpecified>
            <a:priceField>0</a:priceField>
            <a:workOrderNumberField>ExampleWO</a:workOrderNumberField>
            <a:workOrderStatusField>CLOSED</a:workOrderStatusField>
          </a:T_WorkOrder>
        </a:closedWorkOrdersField>
      </CloseWOResult>
    </CloseWOResponse>
  </s:Body>
</s:Envelope>

```

In case of any error, response has error description in errorDescriptionField, e.g. Incorrect WorkOrderNumber or WorkOrderID:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <CloseWOResponse xmlns="http://tempuri.org/">
      <CloseWOResult xmlns:a="http://schemas.datacontract.org/2004/07/WOClose"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:closedWorkOrdersField>
          <a:T_WorkOrder>
            <a:brandField i:nil="true"/>
            <a:closedDateField>2018-02-07T12:28:02.5320701</a:closedDateField>
            <a:closedDateFieldSpecified>true</a:closedDateFieldSpecified>
            <a:colorCodeField i:nil="true"/>
            <a:createdDateField>0001-01-01T00:00:00</a:createdDateField>
            <a:customerNameField i:nil="true"/>
            <a:dateChangedField>2018-02-07T12:28:02.5320701</a:dateChangedField>
            <a:dateDueField>0001-01-01T00:00:00</a:dateDueField>
            <a:dateDueFieldSpecified>false</a:dateDueFieldSpecified>
            <a:errorDescriptionField>CloseWO: Update WO error, number of rows is different
than 1 or is 0, probably incorrect WorkOrderNumber or
WorkOrderID</a:errorDescriptionField>
          </a:T_WorkOrder>
        </a:closedWorkOrdersField>
      </CloseWOResult>
    </CloseWOResponse>
  </s:Body>
</s:Envelope>

```

```

<a:licensePlateField i:nil="true"/>
<a:mainColorField i:nil="true"/>
<a:mixCountField i:nil="true"/>
<a:mixesField i:nil="true"/>
<a:notesField/>
<a:panelCountField>0</a:panelCountField>
<a:panelCountFieldSpecified>>false</a:panelCountFieldSpecified>
<a:priceField>0</a:priceField>
<a:repairTypeField i:nil="true"/>
<a:rgbColorField i:nil="true"/>
<a:vehicleIdentificationNumberField i:nil="true"/>
<a:vehicleMakeField i:nil="true"/>
<a:vehicleModelField i:nil="true"/>
<a:vehicleYearField i:nil="true"/>
<a:workOrderIDField i:nil="true"/>
<a:workOrderNumberField>Example1</a:workOrderNumberField>
<a:workOrderStatusField>CLOSED</a:workOrderStatusField>
<a:workProviderNameField i:nil="true"/>
</a:T_WorkOrder>
</a:closedWorkOrdersField>
</CloseWOResult>
</CloseWOResponse>
</s:Body>
</s:Envelope>

```

If parameter 'IncludeMaterialUsage' is set 'true', response will include material usage of closed work order.

4.4 Operation NewList

Operation NewList returns list of new mixes or work orders, created or updated since last run, and for this instance of plugin. Request considering mixes looks as follows, where chosen kind may take values: 'mixes' or 'workorders':

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <NewList xmlns="http://tempuri.org/">
      <auth>
        <password
xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
        <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
      </auth>
      <kind>mixes</kind>
    </NewList>
  </soap:Body>
</soap:Envelope>

```

Example of response looks as follows, only one mix is new or updated (MixNumber 2):

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <NewListResponse xmlns="http://tempuri.org/">
      <NewListResult xmlns:a="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:string>2</a:string>
      </NewListResult>
    </NewListResponse>
  </s:Body>
</s:Envelope>

```

Request about work orders looks as follows:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

```



```

<soap:Body>
  <NewList xmlns="http://tempuri.org/">
    <auth>
      <password
xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
      <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
    </auth>
    <kind>workorders</kind>
  </NewList>
</soap:Body>
</soap:Envelope>

```

And response, one new or updated work order:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <NewListResponse xmlns="http://tempuri.org/">
      <NewListResult xmlns:a="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:string>WO New</a:string>
      </NewListResult>
    </NewListResponse>
  </s:Body>
</s:Envelope>

```

In case of any error, response has error description in first item:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <NewListResponse xmlns="http://tempuri.org/">
      <NewListResult xmlns:a="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:string>Authorization error.</a:string>
      </NewListResult>
    </NewListResponse>
  </s:Body>
</s:Envelope>

```

4.5 Operation DetailMix

Operation DetailMix returns full, up to date information about requested mix. Request looks as follows:

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <DetailMix xmlns="http://tempuri.org/">
      <auth>
        <password
xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
        <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
      </auth>
      <id>1</id>
      <exportChangesOnly>>false</exportChangesOnly>
    </DetailMix>
  </soap:Body>
</soap:Envelope>

```

Response looks as follows, detail for mix about MixNumber equal to 1:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <DetailMixResponse xmlns="http://tempuri.org/">

```

```

<DetailMixResult
xmlns:a="http://schemas.datacontract.org/2004/07/MixXMLExport.ExportMIXExport"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <a:paintInformationField>
    <a:T_MixDetails>
      <a:akzoCodeField>TOY9424</a:akzoCodeField>
      <a:amountPouredField>0.99994</a:amountPouredField>
      <a:brandField>Sikkens</a:brandField>
      <a:combinedMixDescriptionField>Toyota,Cool Dk. Gray,Metallic
Twocoat</a:combinedMixDescriptionField>
      <a:createdByField>Shop Manager</a:createdByField>
      <a:createdByInitialsField>sm</a:createdByInitialsField>
      <a:dateChangedField>2018-02-06T01:33:27+01:00</a:dateChangedField>
      <a:dateCreatedField>2018-02-06T01:33:04+01:00</a:dateCreatedField>
      <a:dateCreatedFieldSpecified>>true</a:dateCreatedFieldSpecified>
      <a:lastMixedDateField>2018-02-06T12:00:00+01:00</a:lastMixedDateField>
      <a:mixComponentsField>
        <a:T_Ingredient>
          <a:actualGrammsField>222.20000</a:actualGrammsField>
          <a:actualVolumeField>240.47619047619047</a:actualVolumeField>
          <a:additiveTypeField>Additive</a:additiveTypeField>
          <a:descriptionField>Autobase Plus MM</a:descriptionField>
          <a:ingredientNameField>Autobase Plus MM Q065</a:ingredientNameField>
          <a:productNumberField>364696</a:productNumberField>
          <a:productValueField>0.000000000</a:productValueField>
          <a:specificGravityField>0.924</a:specificGravityField>
        </a:T_Ingredient>
        <a:T_Ingredient>
          <a:actualGrammsField>23.40000</a:actualGrammsField>
          <a:actualVolumeField>22.45681381957773512476</a:actualVolumeField>
          <a:additiveTypeField>Solid</a:additiveTypeField>
          <a:descriptionField>Autobase Plus MM</a:descriptionField>
          <a:ingredientNameField>Autobase Plus MM Q328</a:ingredientNameField>
          <a:productNumberField>525151</a:productNumberField>
          <a:productValueField>0.000000000</a:productValueField>
          <a:specificGravityField>1.042</a:specificGravityField>
        </a:T_Ingredient>
        <a:T_Ingredient>
          <a:actualGrammsField>34.00000</a:actualGrammsField>
          <a:actualVolumeField>34.44782168186423505572</a:actualVolumeField>
          <a:additiveTypeField>Solid</a:additiveTypeField>
          <a:descriptionField>Autobase Plus MM</a:descriptionField>
          <a:ingredientNameField>Autobase Plus MM Q726</a:ingredientNameField>
          <a:productNumberField>523664</a:productNumberField>
          <a:productValueField>0.000000000</a:productValueField>
          <a:specificGravityField>0.987</a:specificGravityField>
        </a:T_Ingredient>
        <a:T_Ingredient>
          <a:actualGrammsField>35.20000</a:actualGrammsField>
          <a:actualVolumeField>36.21399176954732510288</a:actualVolumeField>
          <a:additiveTypeField>Solid</a:additiveTypeField>
          <a:descriptionField>Autobase Plus MM</a:descriptionField>
          <a:ingredientNameField>Autobase Plus MM Q671</a:ingredientNameField>
          <a:productNumberField>523660</a:productNumberField>
          <a:productValueField>0.000000000</a:productValueField>
          <a:specificGravityField>0.972</a:specificGravityField>
        </a:T_Ingredient>
        <a:T_Ingredient>
          <a:actualGrammsField>125.10000</a:actualGrammsField>
          <a:actualVolumeField>128.17622950819672131147</a:actualVolumeField>
          <a:additiveTypeField>Solid</a:additiveTypeField>
          <a:descriptionField>Autobase Plus MM</a:descriptionField>
          <a:ingredientNameField>Autobase Plus MM Q160</a:ingredientNameField>
          <a:productNumberField>364079</a:productNumberField>
          <a:productValueField>0.000000000</a:productValueField>
          <a:specificGravityField>0.976</a:specificGravityField>
        </a:T_Ingredient>
      </a:mixComponentsField>
    </a:T_MixDetails>
  </a:paintInformationField>
</DetailMixResult>

```

```

<a:actualGrammsField>143.6000</a:actualGrammsField>
<a:actualVolumeField>147.43326488706365503080</a:actualVolumeField>
<a:additiveTypeField>Solid</a:additiveTypeField>
<a:descriptionField>Autobase Plus MM</a:descriptionField>
<a:ingredientNameField>Autobase Plus MM Q190</a:ingredientNameField>
<a:productNumberField>523626</a:productNumberField>
<a:productValueField>0.0000000000</a:productValueField>
<a:specificGravityField>0.974</a:specificGravityField>
</a:T_Ingredient>
<a:T_Ingredient>
  <a:actualGrammsField>179.4000</a:actualGrammsField>
  <a:actualVolumeField>182.31707317073170731707</a:actualVolumeField>
  <a:additiveTypeField>Pearl</a:additiveTypeField>
  <a:descriptionField>Autobase Plus MM</a:descriptionField>
  <a:ingredientNameField>Autobase Plus MM Q198</a:ingredientNameField>
  <a:productNumberField>523632</a:productNumberField>
  <a:productValueField>0.0000000000</a:productValueField>
  <a:specificGravityField>0.984</a:specificGravityField>
</a:T_Ingredient>
<a:T_Ingredient>
  <a:actualGrammsField>203.00000</a:actualGrammsField>
  <a:actualVolumeField>208.41889117043121149897</a:actualVolumeField>
  <a:additiveTypeField>Metallic</a:additiveTypeField>
  <a:descriptionField>Autobase Plus MM</a:descriptionField>
  <a:ingredientNameField>Autobase Plus MM Q811E</a:ingredientNameField>
  <a:productNumberField>364161</a:productNumberField>
  <a:productValueField>0.0000000000</a:productValueField>
  <a:specificGravityField>0.974</a:specificGravityField>
</a:T_Ingredient>
</a:mixComponentsField>
<a:mixDescriptionField>Cool Dk. Gray</a:mixDescriptionField>
<a:mixNumberField>1</a:mixNumberField>
<a:mixOwnerField>Shop Manager</a:mixOwnerField>
<a:mixOwnerInitialsField>sm</a:mixOwnerInitialsField>
<a:mixProductField>Autobase Plus MM</a:mixProductField>
<a:mixValueField>0.00000</a:mixValueField>
<a:ownColorNumberField/>
<a:productCategoryField/>
<a:statusField>Complete</a:statusField>
<a:typeField>Color</a:typeField>
<a:workOrderSplitField i:nil="true"/>
</a:T_MixDetails>
</a:paintInformationField>
</DetailMixResult>
</DetailMixResponse>
</s:Body>
</s:Envelope>

```

If parameter 'exportChangesOnly' will be set true, response would return only changed components of mix. See on example of response for the request of mix 1 with exportChangesOnly=1:

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <DetailMixResponse xmlns="http://tempuri.org/">
      <DetailMixResult
xmlns:a="http://schemas.datacontract.org/2004/07/MixXMLExport.ExportMIXExport"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:paintInformationField>
          <a:T_MixDetails>
            <a:akzoCodeField>TOY9424</a:akzoCodeField>
            <a:amountPouredField>1.00447</a:amountPouredField>
            <a:brandField>Sikkens</a:brandField>
            <a:combinedMixDescriptionField>Toyota,Cool Dk. Gray,Metallic
Twocoat</a:combinedMixDescriptionField>
            <a:createdByField>Shop Manager</a:createdByField>
            <a:createdByInitialsField>sm</a:createdByInitialsField>

```

```

<a:dateChangedField>2018-02-07T02:18:45+01:00</a:dateChangedField>
<a:dateCreatedField>2018-02-06T01:33:04+01:00</a:dateCreatedField>
<a:dateCreatedFieldSpecified>>true</a:dateCreatedFieldSpecified>
<a:lastMixedDateField>2018-02-07T12:00:00+01:00</a:lastMixedDateField>
<a:mixComponentsField>
  <a:T_Ingredient>
    <a:actualGrammsField>0.19</a:actualGrammsField>
    <a:actualVolumeField>0.216450216450227</a:actualVolumeField>
    <a:additiveTypeField>Additive</a:additiveTypeField>
    <a:descriptionField>Autobase Plus MM</a:descriptionField>
    <a:ingredientNameField>Autobase Plus MM Q065</a:ingredientNameField>
    <a:productNumberField>364696</a:productNumberField>
    <a:productValueField>0</a:productValueField>
    <a:specificGravityField>0.924</a:specificGravityField>
  </a:T_Ingredient>
  <a:T_Ingredient>
    <a:actualGrammsField>0.5</a:actualGrammsField>
    <a:actualVolumeField>0.479846449136279</a:actualVolumeField>
    <a:additiveTypeField>Solid</a:additiveTypeField>
    <a:descriptionField>Autobase Plus MM</a:descriptionField>
    <a:ingredientNameField>Autobase Plus MM Q328</a:ingredientNameField>
    <a:productNumberField>525151</a:productNumberField>
    <a:productValueField>0</a:productValueField>
    <a:specificGravityField>1.042</a:specificGravityField>
  </a:T_Ingredient>
</a:mixComponentsField>
<a:mixDescriptionField>Cool Dk. Gray</a:mixDescriptionField>
<a:mixNumberField>1</a:mixNumberField>
<a:mixOwnerField>Shop Manager</a:mixOwnerField>
<a:mixOwnerInitialsField>sm</a:mixOwnerInitialsField>
<a:mixProductField>Autobase Plus MM</a:mixProductField>
<a:mixValueField>0.00000</a:mixValueField>
<a:ownColorNumberField/>
<a:productCategoryField/>
<a:statusField>Complete</a:statusField>
<a:typeField>Color</a:typeField>
<a:workOrderSplitField i:nil="true"/>
</a:T_MixDetails>
  </a:paintInformationField>
</DetailMixResult>
</DetailMixResponse>
</s:Body>
</s:Envelope>

```

4.6 Operation DetailWorkOrder

Operation DetailMix returns full, up to date information about requested work order. Request looks as follows:

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <DetailMix xmlns="http://tempuri.org/">
      <auth>
        <password
  xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">password</password>
        <user xmlns="http://schemas.datacontract.org/2004/07/MixItWebService">user</user>
      </auth>
      <number>WO New</number>
      <exportChangesOnly>>false</exportChangesOnly>
    </DetailWorkOrder>
  </soap:Body>
</soap:Envelope>

```

In response, there are detailed information about work order 'WO New':

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <DetailWorkOrderResponse xmlns="http://tempuri.org/">
      <DetailWorkOrderResult
xmlns:a="http://schemas.datacontract.org/2004/07/MixXMLExport.ExportWO"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <a:paintInformationField>
          <a:T_WorkOrder>
            <a:brandField/>
            <a:closedDateField>0001-01-01T00:00:00</a:closedDateField>
            <a:closedDateFieldSpecified>>false</a:closedDateFieldSpecified>
            <a:colorCodeField>UCA83</a:colorCodeField>
            <a:createdDateField>2018-02-07T00:00:00</a:createdDateField>
            <a:customerNameField/>
            <a:dateChangedField>2018-02-07T12:43:31+01:00</a:dateChangedField>
            <a:dateDueField>0001-01-01T00:00:00</a:dateDueField>
            <a:dateDueFieldSpecified>>false</a:dateDueFieldSpecified>
            <a:licensePlateField/>
            <a:mainColorField>UCA83</a:mainColorField>
            <a:mixCountField>1</a:mixCountField>
            <a:mixesField>
              <a:T_MixDetails>
                <a:akzoCodeField>TOY9424</a:akzoCodeField>
                <a:amountPouredField>0.99994</a:amountPouredField>
                <a:brandField>Sikkens</a:brandField>
                <a:combinedMixDescriptionField>Toyota, Cool Dk. Gray, Metallic
Twocoat</a:combinedMixDescriptionField>
                <a:createdByField>Shop Manager</a:createdByField>
                <a:createdByInitialsField>sm</a:createdByInitialsField>
                <a:dateChangedField>2018-02-07T12:46:06+01:00</a:dateChangedField>
                <a:dateCreatedField>0001-01-01T00:00:00</a:dateCreatedField>
                <a:dateCreatedFieldSpecified>>false</a:dateCreatedFieldSpecified>
                <a:lastMixedDateField>2018-02-07T12:00:00+01:00</a:lastMixedDateField>
                <a:mixComponentsField>
                  <a:T_Ingredient>
                    <a:actualGrammsField>222.2</a:actualGrammsField>
                    <a:actualVolumeField>240.47619047619</a:actualVolumeField>
                    <a:additiveTypeField>Additive</a:additiveTypeField>
                    <a:descriptionField>Autobase Plus MM</a:descriptionField>
                    <a:ingredientNameField>Autobase Plus MM Q065</a:ingredientNameField>
                    <a:productNumberField>364696</a:productNumberField>
                    <a:productValueField>0</a:productValueField>
                    <a:specificGravityField>0.924</a:specificGravityField>
                  </a:T_Ingredient>
                  <a:T_Ingredient>
                    <a:actualGrammsField>23.4</a:actualGrammsField>
                    <a:actualVolumeField>22.4568138195777</a:actualVolumeField>
                    <a:additiveTypeField>Solid</a:additiveTypeField>
                    <a:descriptionField>Autobase Plus MM</a:descriptionField>
                    <a:ingredientNameField>Autobase Plus MM Q328</a:ingredientNameField>
                    <a:productNumberField>525151</a:productNumberField>
                    <a:productValueField>0</a:productValueField>
                    <a:specificGravityField>1.042</a:specificGravityField>
                  </a:T_Ingredient>
                  <a:T_Ingredient>
                    <a:actualGrammsField>34</a:actualGrammsField>
                    <a:actualVolumeField>34.4478216818642</a:actualVolumeField>
                    <a:additiveTypeField>Solid</a:additiveTypeField>
                    <a:descriptionField>Autobase Plus MM</a:descriptionField>
                    <a:ingredientNameField>Autobase Plus MM Q726</a:ingredientNameField>
                    <a:productNumberField>523664</a:productNumberField>
                    <a:productValueField>0</a:productValueField>
                    <a:specificGravityField>0.987</a:specificGravityField>
                  </a:T_Ingredient>
                  <a:T_Ingredient>
                    <a:actualGrammsField>35.2</a:actualGrammsField>
                    <a:actualVolumeField>36.2139917695473</a:actualVolumeField>
                    <a:additiveTypeField>Solid</a:additiveTypeField>

```

```

<a:descriptionField>Autobase Plus MM</a:descriptionField>
<a:ingredientNameField>Autobase Plus MM Q671</a:ingredientNameField>
<a:productNumberField>523660</a:productNumberField>
<a:productValueField>0</a:productValueField>
<a:specificGravityField>0.972</a:specificGravityField>
</a:T_Ingredient>
<a:T_Ingredient>
  <a:actualGrammsField>125.1</a:actualGrammsField>
  <a:actualVolumeField>128.176229508197</a:actualVolumeField>
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  <a:ingredientNameField>Autobase Plus MM Q190</a:ingredientNameField>
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  <a:additiveTypeField>Pearl</a:additiveTypeField>
  <a:descriptionField>Autobase Plus MM</a:descriptionField>
  <a:ingredientNameField>Autobase Plus MM Q198</a:ingredientNameField>
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  <a:ingredientNameField>Autobase Plus MM Q811E</a:ingredientNameField>
  <a:productNumberField>364161</a:productNumberField>
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<a:vehicleModelField>..., Land Cruiser</a:vehicleModelField>

```

```

    <a:vehicleYearField>1997-1997</a:vehicleYearField>
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    <a:workOrderNumberField>WO New</a:workOrderNumberField>
    <a:workOrderStatusField>OPEN</a:workOrderStatusField>
    <a:workProviderNameField/>
  </a:T_WorkOrder>
</a:paintInformationField>
</DetailWorkOrderResult>
</DetailWorkOrderResponse>
</s:Body>
</s:Envelope>

```

If parameter 'exportChangesOnly' will be set true, response would only return changed components of work order. See: example of response for request of 'WO New' with exportChangesOnly=1, and mix no 2 was re-assigned to two work orders.

```

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
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      <DetailWorkOrderResult
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xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
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            <a:licensePlateField/>
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            <a:mixesField>
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                <a:amountPouredField>0.99994</a:amountPouredField>
                <a:brandField>Sikkens</a:brandField>
                <a:combinedMixDescriptionField>Toyota, Cool Dk. Gray, Metallic
Twocoat</a:combinedMixDescriptionField>
                <a:createdByField>Shop Manager</a:createdByField>
                <a:createdByInitialsField>sm</a:createdByInitialsField>
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                    <a:actualVolumeField>-120.238095238095</a:actualVolumeField>
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                    <a:descriptionField>Autobase Plus MM</a:descriptionField>
                    <a:ingredientNameField>Autobase Plus MM Q065</a:ingredientNameField>
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                  <a:T_Ingredient>
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```




```
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<a:vehicleModelField>...Land Cruiser</a:vehicleModelField>
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```