

# Webtrieve™

## Basic Operational Features

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USER GUIDE

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LubeAlert



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# 1. New Samples

The New samples screen provides a list of all the unviewed samples. Once a sample is viewed; it is automatically removed from the New samples list.

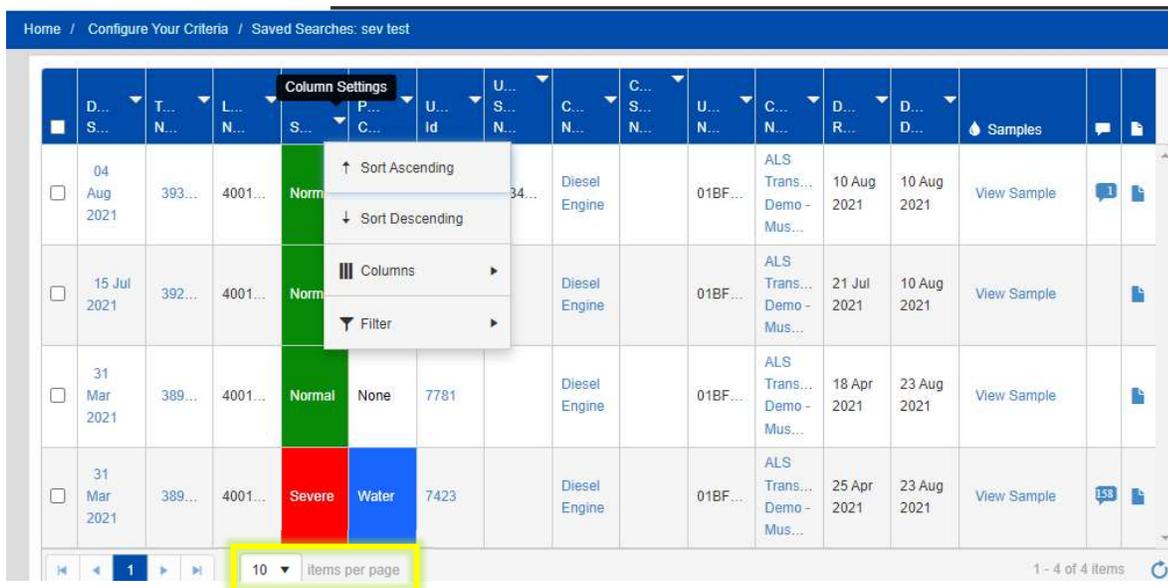
## 1.1 Accessing New Samples list

From the Samples menu, select New Samples from the dropdown menu.



## 1.2 New Samples List

The columns within the New Samples list may be rearranged, sorted, filtered, unneeded columns may be hidden, by clicking on the down arrow icon from any column. There are **hyperlinks** within the **New Sample** list. The **hyperlinks** are highlighted in **blue**, when clicked it will display details for the item selected.

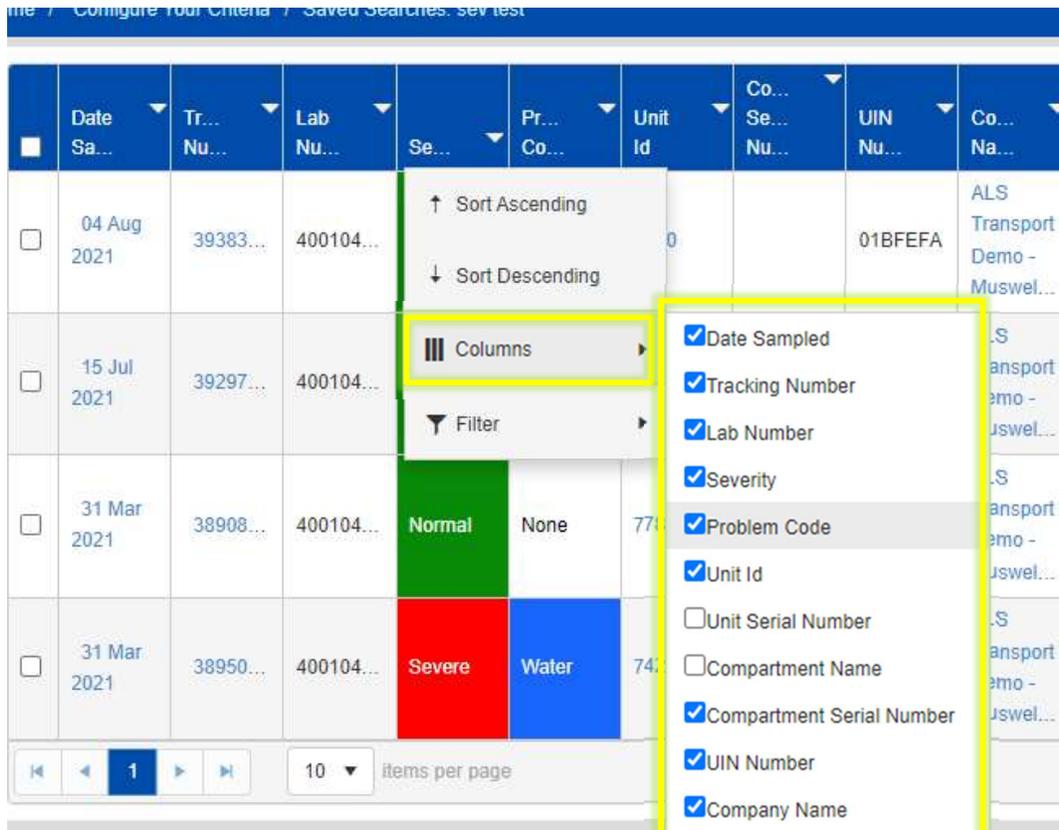


Total number of records per page may be changed at the bottom of the screen.

**Note:** Once a sample has been viewed the system will remove the sample from the list.

### 1.3 Adding or Removing Columns on the New samples screen

To **add or remove** columns, click on **Columns** from the dropdown menu. Click on the checkbox for the column to be removed, **click again** to add the column back to the screen.



The screenshot shows a table with the following columns: Date Sa..., Tr... Nu..., Lab Nu..., Se..., Pr... Co..., Unit Id, Co... Se... Nu..., UIN Nu..., and Co... Na... The 'Columns' dropdown menu is open, showing a list of columns with checkboxes. The 'Columns' option in the dropdown is highlighted with a yellow box. The list of columns includes: Date Sampled (checked), Tracking Number (checked), Lab Number (checked), Severity (checked), Problem Code (checked), Unit Id (checked), Unit Serial Number (unchecked), Compartment Name (unchecked), Compartment Serial Number (checked), UIN Number (checked), and Company Name (checked).

	Date Sa...	Tr... Nu...	Lab Nu...	Se...	Pr... Co...	Unit Id	Co... Se... Nu...	UIN Nu...	Co... Na...
<input type="checkbox"/>	04 Aug 2021	39383...	400104...					01BFEFA	ALS Transport Demo - Muswel...
<input type="checkbox"/>	15 Jul 2021	39297...	400104...						.S transport demo - Muswel...
<input type="checkbox"/>	31 Mar 2021	38908...	400104...	Normal	None	77			.S transport demo - Muswel...
<input type="checkbox"/>	31 Mar 2021	38950...	400104...	Severe	Water	74			.S transport demo - Muswel...

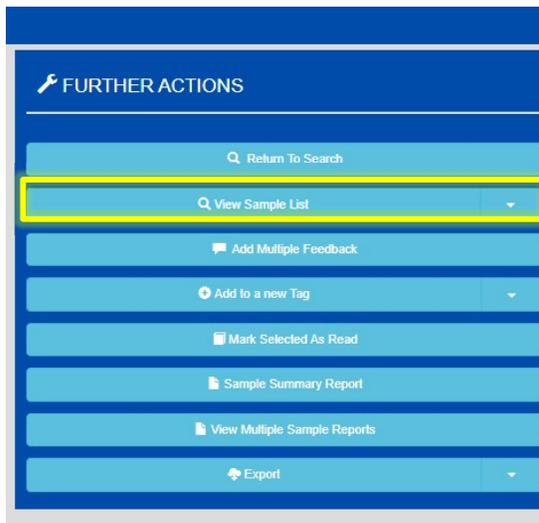
Navigation: 1 | 10 items per page

## 1.4 Further Actions

A series of 'Further actions' options are provided on the right-hand side of the New Samples screen.

## 1.5 View sample list (under Further Actions menu)

Within the **Further Actions** the **View Sample List** option displays Companies, Units & Compartment lists for the **New Samples** list.



## 1.6 Feedback (under Further Actions menu)

Feedback may be added within the **New Samples** list. Select the desired samples using the checkbox for the sample or select all samples on the page by using the header checkbox. Click **Add Multiple Feedback** under further actions.

<input type="checkbox"/>	Date Sampled	Tracking Number	Lab Number	Severity	Problem Code	Compartment Name	Compartment Serial Number	UIN Number	Date Received	Date Diagnosed	Samples	
<input type="checkbox"/>	02 Sep 2021	39494198	41022848188	Normal	None	Diesel Engine 1	8VA394480	04A89ED	08 Sep 2021	09 Sep 2021	View Sample	
<input type="checkbox"/>	11 Sep 2021	39494197	41022848187	Normal	None	Diesel Engine	4A0240612	04B55F0	08 Sep 2021	09 Sep 2021	View Sample	
<input type="checkbox"/>	11 Sep 2021	39494217	41022848197	Normal	None	Turbine 1	10868	01FB422	08 Sep 2021	09 Sep 2021	View Sample	
<input type="checkbox"/>	01 Sep 2021	39494194	41022848182	Normal	None	Diesel Engine 1	35026313	01A5A08	08 Sep 2021	09 Sep 2021	View Sample	
<input type="checkbox"/>	31 Aug 2021	39488211	41022847035	Normal	None	Diesel Engine		076C313	07 Sep 2021	08 Sep 2021	View Sample	



The screenshot shows the 'FURTHER ACTIONS' menu with the 'Add Multiple Feedback' option highlighted with a yellow box.

The **Feedback** pop up box is displayed.

**Add Feedback**

Subject:

Distribution:  Customer Severity Rating:

Job Status:  Job Closed Date:

Notification Number:  Notification Raised:

Work Order Number:  Work Order Date:

Compartment Age:  Meter Read Date:

Fluid Changed?:  Yes  No Filter Changed?:  Yes  No

Attach a Document:   **Uploading Guidelines**

- Attachments are limited to a maximum of 1MB
- For security reasons, do not upload email messages (\*.msg)

Description:

Feedback By:

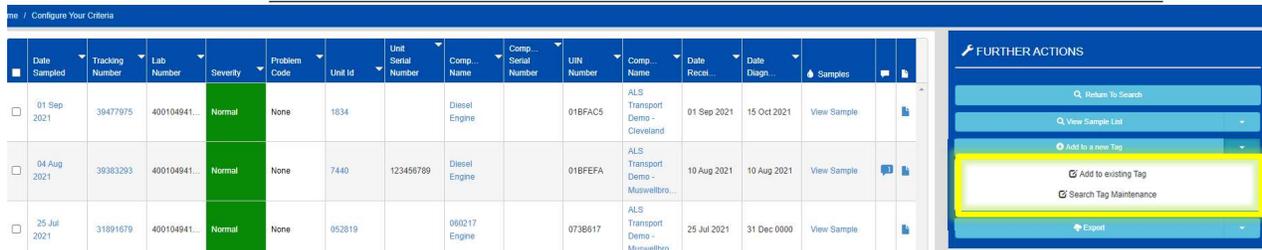
Once the form is completed, click **Save Changes**.

A **Feedback** icon appears on the selected samples. The **Feedback** may be viewed by clicking on the icon.

Home / Configure Your Criteria															
	D... S...	T... N...	L... N...	S...	P... C...	U... Id	U... S... N...	C... N...	C... S... N...	U... N...	C... N...	D... R...	D... D...	Samples	
<input type="checkbox"/>	01 Sep 2021	394...	4001...	Normal	None	1834		Diesel Engine		01BF...	ALS Trans... Demo - Cleve...	01 Sep 2021	15 Oct 2021	View Sample	
<input type="checkbox"/>	04 Aug 2021	393...	4001...	Normal	None	7440	1234...	Diesel Engine		01BF...	ALS Trans... Demo - Mus...	10 Aug 2021	10 Aug 2021	View Sample	<input type="button" value="Feedback"/>

## 1.7 Tagging (under Further Actions menu)

Samples may be grouped by using the Tag feature. Tags may be placed on Samples, Equipment or Companies with an identifying name of your choice. The tagged items may be viewed as a list in **My Tagged Items** under the search dropdown menu. Click on **Add to new Tag**. To add to an existing Tag, click on the dropdown arrow and select **Add to existing Tag**. A search may be performed by selecting **Search Tag Maintenance**



Date Sampled	Tracking Number	Lab Number	Severity	Problem Code	Unit Id	Unit Serial Number	Comp. Name	Comp. Serial Number	UIN Number	Comp. Name	Date Recel.	Date Diagn.	Samples
01 Sep 2021	39477975	400104941...	Normal	None	1834		Diesel Engine		01BFAC5	ALS Transport Demo - Cleveland	01 Sep 2021	15 Oct 2021	View Sample
04 Aug 2021	38383293	400104941...	Normal	None	7440	123456789	Diesel Engine		01BFBEFA	ALS Transport Demo - Muswellbro...	10 Aug 2021	10 Aug 2021	View Sample
25 Jul 2021	31891079	400104941...	Normal	None	052819		060217 Engine		073B617	ALS Transport Demo - Muswellbro...	25 Jul 2021	31 Dec 0000	View Sample

## 1.8 Mark Selected as Read (Under Further Actions menu)

Samples may be removed from the **New Samples** list by using the **checkbox** next to the sample or using the **header checkbox** to remove all samples on the page and then clicking on 'mark selected as read'.



Date Sampled	Tracking Number	Lab Number	Severity	Problem Code	Compartment Name	Compartment Serial Number	UIN Number	Date Received	Date Diagnosed	Samples
01 Sep 2021	39494198	41022848188	Normal	None	Diesel Engine 1	8VA394480	04A89ED	08 Sep 2021	09 Sep 2021	View Sample
01 Sep 2021	39494197	41022848187	Normal	None	Diesel Engine	4A0240612	04B55F0	08 Sep 2021	09 Sep 2021	View Sample
01 Sep 2021	39494217	41022848197	Normal	None	Turbine 1	10888	01FB422	08 Sep 2021	09 Sep 2021	View Sample
01 Sep 2021	39494194	41022848182	Normal	None	Diesel Engine 1	35028313	01A5A08	08 Sep 2021	09 Sep 2021	View Sample
31 Aug 2021	39488211	41022847035	Normal	None	Diesel Engine	076C313		07 Sep 2021	08 Sep 2021	View Sample
31 Aug 2021	39117420	40111270556	Normal	None	Diesel Engine	31884	02A7C97	07 Sep 2021	08 Sep 2021	View Sample
31 Aug 2021	39488230	41022847051	Normal	None	Diesel Engine	25189129	032FD70	07 Sep 2021	08 Sep 2021	View Sample
31 Aug 2021	37774135	41022847052	Normal	None	Diesel Engine	5352003996	0287A38	07 Sep 2021	08 Sep 2021	View Sample
31 Aug 2021	39488224	41022847047	Normal	None	Diesel Engine	CD6059T415707	0188398	07 Sep 2021	08 Sep 2021	View Sample
31 Aug 2021	35569957	40111288954	Severe	Fuel	Diesel Engine 2	4XF00450	00A81D2	31 Aug 2021	02 Sep 2021	View Sample

A confirmation pop up window will appear to confirm the removal of the samples.



**Confirm** ✕

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Marking a sample as read will remove it from the new samples list. Are you sure you wish to do this for the selected samples

## 1.9 Sample Summary Report (under Further Actions menu)

A **Sample Summary Report** may be emailed from this page. Select the desired samples to email by clicking on the checkbox for the sample or by select all on the page by clicking on the header checkbox. Once a selection is made, click on **Sample Summary Report**.

<input type="checkbox"/>	Date Sa...	Tr... Nu...	Lab Nu...	Se...	Pr... Co...	Unit Se... Nu...	Co... Na...	Co... Se... Nu...	UIN Nu...	Date Re...	Date Di...	Samples		
<input checked="" type="checkbox"/>	01 Sep 2021	39494...	410228...	Normal	None		Diesel Engine	4A0240...	04B55F0	08 Sep 2021	09 Sep 2021	View Sample		
<input checked="" type="checkbox"/>	01 Sep 2021	39494...	410228...	Normal	None		Turbine 1	10868	01FB422	08 Sep 2021	09 Sep 2021	View Sample		
<input type="checkbox"/>	01 Sep 2021	39494...	410228...	Normal	None		Diesel Engine 1	35026313	01A5A08	08 Sep 2021	09 Sep 2021	View Sample		
<input type="checkbox"/>	31 Aug 2021	39488...	410228...	Normal	None		Diesel Engine		076C313	07 Sep 2021	08 Sep 2021	View Sample		
<input type="checkbox"/>	31 Aug 2021	39117...	401112...	Normal	None		Diesel Engine	31884	02A7C97	07 Sep 2021	08 Sep 2021	View Sample		
<input type="checkbox"/>	31 Aug 2021	39488...	410228...	Normal	None		Diesel Engine	25189129	032FD70	07 Sep 2021	08 Sep 2021	View Sample		
<input type="checkbox"/>	31 Aug	37774	440228	Normal	None		Diesel	515200	0307A30	07 Sep	08 Sep	View Sample		

**FURTHER ACTIONS**

- [Return To Search](#)
- [View Sample List](#)
- [Add Multiple Feedback](#)
- [Add to a new Tag](#)
- [Mark Selected As Read](#)
- [Sample Summary Report](#)
- [View Multiple Sample Reports](#)
- [Export](#)

The **Sample Summary** page is displayed. Recipients may be selected from the **Address Book** in **Administration** section of the page. There are information icons {?} for Company, Unit and Component, which displays their details. **Feedback** and **Additional Comments** may be added. Additional comments are highlighted in **Red**, for easier viewing. The Summary may be emailed or exported using the Further Actions options.

**Add Recipients**

Email Recipients    The Email Recipients field is required

Email CC Recipients

Email Subject

Clear

Tracking Number	Cor Id	U... Id	N...	S...	P... C...	F... C...	Recommendation	Feedback	Additional Comments
39494217	A...	K...	T...	N...	N...	O...	All wear rates normal. Abrasive and other contaminant levels are acceptable. Please provide missing oil next sample submission. Action: Resample next recommended service interval to further monitor.		
39494197	A...	N...	D...	N...	O...	O...	All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.		

1 - 2 of 2 items

**FURTHER ACTIONS**

- [Send Report](#)
- [Export](#)

## 1.10 Viewing Multiple Reports (under Further Actions menu)

A full-page Report may be displayed by selecting the paper icon next to the Feedback column. Multiple Reports may be displayed by clicking on the checkbox for the sample or to select all samples on the page by clicking on the header checkbox.

	D... S...	T... N...	L... N...	S...	P... C...	U... Id	U... S... N...	C... N...	C... S... N...	U... N...	C... N...	D... R...	D... D...	Samples		
<input type="checkbox"/>	01 Sep 2021	394...	4102...	Normal	None	NWC...		Diesel Engine	4A02...	04B5...	AT&T-Chica... East	08 Sep 2021	09 Sep 2021	View Sample		
<input checked="" type="checkbox"/>	01 Sep 2021	394...	4102...	Normal	None	KLM...		Turbine 1	10868	01FB...	AT&T-Chica... East	08 Sep 2021	09 Sep 2021	View Sample		
<input checked="" type="checkbox"/>	01 Sep 2021	394...	4102...	Normal	None	CRM...		Diesel Engine 1	3502...	01A5...	AT&T-Chica... West	08 Sep 2021	09 Sep 2021	View Sample		
<input checked="" type="checkbox"/>	31 Aug 2021	394...	4102...	Normal	None	CTL...		Diesel Engine		076C...	AT&T-Chica... West	07 Sep 2021	08 Sep 2021	View Sample		
<input type="checkbox"/>	31 Aug	391...	4011...	Normal	None	DLLS...		Diesel	31884	02A7...	AT&T-Farm...	07 Sep	08 Sep	View Sample		

**FURTHER ACTIONS**

- [Return To Search](#)
- [View Sample List](#)
- [Add Multiple Feedback](#)
- [Add to a new Tag](#)
- [Mark Selected As Read](#)
- [Sample Summary Report](#)
- [View Multiple Sample Reports](#)
- [Export](#)

## 1.11 Exports (under Further Actions menu)

Export options may be selected within the Further Actions menu. Data Export file may be exported several ways in CSV or XML format.

1. Select Samples to export by using the checkboxes on the left side of the screen.
2. Select each Sample or all samples on the page by clicking on the header checkbox
3. If all samples are to be export, no need to select each page, there is an **ALL** option.
4. Select the desired format from the dropdown menu:

- Export All Results as CSV
- Export Selection as CSV
- Export Extended All Results as XML
- Export All Results as XML
- Export Selection as XML
- Export Extended Selection as CSV
- Export Extended All Results as CSV
- Export Extended Selection as XML

**FURTHER ACTIONS**

- [Return To Search](#)
- [View Sample List](#)
- [Add Multiple Feedback](#)
- [Add to a new Tag](#)
- [Mark Selected As Read](#)
- [Sample Summary Report](#)
- [View Multiple Sample Reports](#)
- [Export](#)

- Export All Results As CSV
- Export All Results As XML
- Export Selection As CSV
- Export Selection As XML
- Export Extended All Results As CSV
- Export Extended All Results As XML
- Export Extended Selection As CSV
- Export Extended Selection As XML



*Note that there is a limit of 10000 samples.*

Standard Export consists of the following fields:

Company_Name	SIFNo	Diagnosed	SortOrd
Company_ID	LabNo	Brand	Diagnosis
Unit_ID	Severity	Fluid	Feedback
YOM	Unit_Age	Grade	JobStatus
Compartment_Type	Compartment_Age	Fluid_Manuf	NotificationNumber
Location	Fluid_Age	Transmission	DateNotificationRaised
UINNo	Fluid_Consumption	Work_Order_Number	DateWorkOrderRaised
Compartment_Name	ProblemCode	Fluid_Changed	DateJobClosed
Compartment_MakeName	Sampled	Filter_Changed	MeterReading
Compartment_ModelName	Received	SampleKey	Unit_Serial_Number

**Extended Export** consists of all the fields included in the **Standard Export** as well as the following fields:

Unit_MakeName
Unit_ModelName
ServiceType
Sample_SubmittedBy
Sample_SubmittedByName
Sample_SubmissionComments
Feedback_Work_Order_Number
Feedbackby

## 1.12 How to view a sample - (Viewing Sample result)

To display the details of a sample, click on **View Sample**, **Tracking Number** or **Date Sampled** in the **New Samples** list.

The Company, Unit, Component, Sample Details & Results are displayed. **Hyperlinks** are highlighted in **Blue**, when clicked **details** about that field is displayed.

<input type="checkbox"/>	Tracking Number	Date Sampled	Lab Nu...	Se...	Pro... Code	Unit Serial Nu...	Co... Na...	Co... Serial Nu...	UIN Nu...	Date Re...	Date Dia...	Samples
<input type="checkbox"/>	<a href="#">39494197</a>	<a href="#">01 Sep 2021</a>	410228...	Normal	None		Diesel Engine	4A0240...	04B55F0	08 Sep 2021	09 Sep 2021	<a href="#">View Sample</a>

To view previous samples Diagnosis click on the desired **Sample** by clicking anywhere within the **Result** column the selected sample will be highlighted in **Green**, the **Diagnosis** will automatically display on the left hand side of the screen.

The **Sample Details** screen will display the full sample history and the **scrolling bar** can be used to view the **historical data**.

Navigation

<

Tools

Sample Actions

Links



← Sample 1 of 2718 →

**Diagnosis**

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range.

Action: Resample next service interval to further monitor.

**Equipment Details**

Company Name	ALS Transport Demo - Cleveland
Unit Id	1834
Component Name	Diesel Engine
UIN	01BFAC5
Component Type	Diesel Engine
Fluid Manufacturer (current default)	Unidentified
Fluid Type (current default)	Unidentified
Fluid Grade (current default)	Unknown
Component Serial Number	

	02 Sep 2021	17 Dec 2010	10 Aug 2010	05 Apr 2010
Date Sampled	02 Sep 2021	17 Dec 2010	10 Aug 2010	05 Apr 2010
Tracking Number	39477975	102538030058	102371000054	9766989
Severity	Normal	Normal	Normal	Normal
Problem Code	None	None	None	None
Fluid Manufacturer	Unidentified	Unidentified	Unidentified	Unidentified
Fluid Type	Unidentified	Unidentified	Unidentified	Unidentified
Fluid Grade	Unknown	SAE 15W40	SAE 15W40	SAE 15W40
Unit Age			456229	
Component Age	49		456229	451255
Fluid Age	0			
Filter Age				
Fluid Added				
Fluid Changed	Not Changed	Changed	Changed	Not Changed
Filter Changed	Not Changed	Not Changed	Not Changed	Not Changed
Sample Taken By				
Service Type				
<b>Contaminants</b>				
Water (%)	0.05	<0.05	<0.05	<0.05
Metals (ppm)				
Nickel (Ni)		<1	<1	<1

 Sample - 2022-11-...csv ^



To view **Multiple Diagnosis & Feedback**, select the desired sample by clicking anywhere within the **Result** column, Under **Sample Action**, click on the **Diagnosis icon**, for **View Feedback** click on the **View Feedback icon**.

For users with permissions to **Add Feedback, Update Age, Fluid or Filter change**, you will see the **icons under Sample Actions**. **Diagnosis, Update Sample** and **View Feedback** boxes may be moved about the page.

View Feedback      Diagnosis      Add Feedback      Update icon

Navigation      Tools      **Sample Actions**      Links

Sample 1 of 173171

**Diagnosis**

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range.

Action: Resample next recommended service interval to further monitor.

Date Sampled	03 Sep 2021	10 Oct 2019	08 Aug 2018	24 Aug 2017	16 Aug 2016	12 Aug 2015
Tracking Number	39494198	36174801	34233552	32634390	30510670	18710638
Severity	Normal	Normal	Normal	Normal	Normal	Normal
Problem Code	None	None	None	None	None	None
Fluid Manufacturer	Mobil	Mobil	Mobil	Mobil	Mobil	Detroit Diesel
Fluid Type	Delvac	Delvac 1240	Delvac 1240	Delvac 1240	Delvac 1240	Unidentified
Fluid Grade	SAE 40					
Unit Age	1006	971	952			

### 1.13 Adding Feedback (Option on the Sample Details screen)

For users with **permissions** to **Add Feedback**, there will an icon under **Sample Actions**.

The program enables the user to provide a **feedback** to other viewers on a sample. To add feedback, click on the **Add Feedback** icon.



Add Feedback



Clicking on the icon displays a **Feedback** form, once completed click **Submit**.

Add Feedback
×

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<b>Subject</b>	<input type="text" value="General Comment"/>	<b>Customer Severity Rating</b>	<input type="text" value="Normal"/>
<b>Distribution</b>	<input type="text" value="Send To Lab"/>	<b>Job Closed Date</b>	<input type="text" value="Select Date"/>
<b>Job Status</b>	<input type="text" value="Closed"/>	<b>Notification Raised</b>	<input type="text" value="Select Date"/>
<b>Notification Number</b>	<input type="text" value="Notification Number"/>	<b>Work Order Date</b>	<input type="text" value="Select Date"/>
<b>Work Order Number</b>	<input type="text" value="Work Order Number"/>	<b>Meter Read Date</b>	<input type="text" value="Select Date"/>
<b>Component Age</b>	<input type="text" value="Component Age"/>	<b>Filter Changed?</b>	<input type="text" value="Yes"/> <input type="text" value="No"/>
<b>Fluid Changed?</b>	<input type="text" value="Yes"/> <input type="text" value="No"/>		
<b>Attachments</b>	<input type="text" value="Choose File"/> <input type="text" value="No file chosen"/>		
<small>Allowed file types: ppsx,pps,ppt,pptx,pdf,txt,docx,doc,jpg,gif,jpeg,png</small>			
<b>Description</b>	<input style="height: 40px;" type="text"/>		
<b>Feedback By</b>	<input type="text" value="demowt9"/>		

**Note: One attachment per Feedback.**

## 1.14 Update Sample Details

Users with **Update Sample** permission, may update by clicking **Update Sample** icon under **Sample Actions**.

**Sample Actions**



	05 Aug 2021	18 Feb 2015	02 Feb 2015
Number	39383293	112580560044	9749683
	Normal	Normal	Normal

Update Sample ×

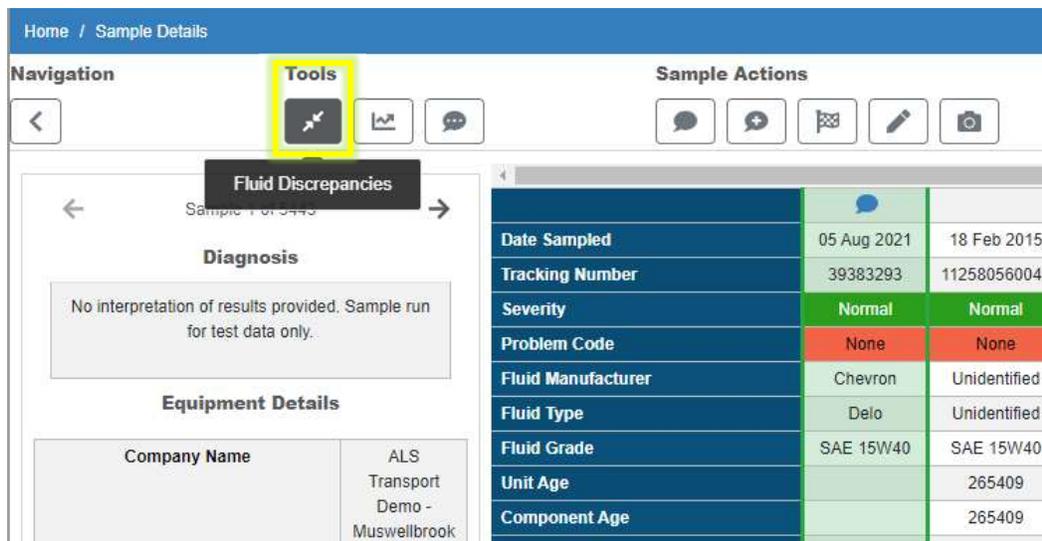
<b>Date Sampled</b>	05 Aug 2021
<b>Tracking Number</b>	39383293
<b>Unit Age</b>	<input type="text"/>
<b>Component Age</b>	<input type="text"/>
<b>Fluid Age</b>	<input type="text"/>
<b>Filter Age</b>	<input type="text"/>
<b>Fluid Changed</b>	<input type="checkbox"/>
<b>Filter Changed</b>	<input type="checkbox"/>

## 1.15 Fluid Discrepancies – (option on the Sample Details screen)

Users with **Update Sample** permission may update by using the **Fluid Discrepancies** screen. This feature is located under **Tools**.



Fluid Discrepancies



The screenshot shows the 'Sample Details' screen with the 'Tools' menu highlighted. A tooltip for 'Fluid Discrepancies' is visible. The main content area is divided into 'Diagnosis' and 'Equipment Details' sections. The 'Diagnosis' section contains a message: 'No interpretation of results provided. Sample run for test data only.' The 'Equipment Details' section shows the following information:

Company Name	ALS Transport Demo - Muswellbrook
Date Sampled	05 Aug 2021
Tracking Number	39383293
Severity	Normal
Problem Code	None
Fluid Manufacturer	Chevron
Fluid Type	Delo
Fluid Grade	SAE 15W40
Unit Age	265409
Component Age	265409

Under the **Discrepancy** column the samples where there is a **Discrepancy** will display the Discrepancy values. To fix the errors enter the **New Component Age & New Fluid Age**, As you the new values are entered, the page will display the original value, click on **Apply**. The calculation is based on Compartment Age and if the Fluid was changed.

Date Sampled	Tracking Number	Component Age	Fluid Age	Fluid Changed	Discrepancy	New Component Age	New Fluid Age
01 Apr 2021	38950336	0	0	✗	250800		
29 Apr 2015	092332960079	250800 (0)	0	✗	6082	250800	
13 Feb 2015	9752352	250718	6000	✗	24365		
09 Feb 2015	102538140099	269083	0	✓	24837		
23 Nov 2014	92306560093	244246	0	✗	25754		
30 Oct 2014	102352200130	270000	6000	✓	18143		
17 Oct 2014	11007836	282143	0	✗	17554		
17 Aug 2014	102422270011	264589	0	✗	732		
28 Jul 2014	102423270031	263857	0	✓	19662		
01 Jul 2014	10530464	283519	0	✓	-		

Tolerance Factor may be adjusted by clicking on the drop down arrow.

Tolerance Factor +/- **25** ▾

Discrepancy	New Component Age	N
250800	<input type="text"/>	25
6082	250800	50
24365	<input type="text"/>	100
24837	<input type="text"/>	250

### 1.16 Trending Analysis - (option on the Sample Details screen)

**Trending Analysis** graphs the test results for the equipment. To view the Trending Analysis, click on **View Trending Analysis** under **Tools**.



View Tending Analysis

Navigation Tools Sample Actions Links Export/Legacy

View Trending Analysis

Sample 9-01-2443

**Diagnosis**

No interpretation of results provided. Sample run for test data only.

**Equipment Details**

Company Name	ALS Transport Demo - Muswellbrook
Unit Id	7423
Component Name	Diesel Engine
UIN	01BFE68
Component Type	Diesel Engine
Fluid Manufacturer (current default)	Mercedes

Date Sampled	01 Apr 2021	29 Apr 2015	13 Feb 2015	09 Feb 2015	23 Nov 2014	30 Oct 2014	1
Tracking Number	38950336	092332960079	9752352	102538140099	92306560093	102352200130	
Severity	Severe	Abnormal	Normal	Normal	Normal	Normal	
Problem Code	Water	Soot	None	None	None	None	
Fluid Manufacturer	Mercedes Benz	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified	
Fluid Type	ATF	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified	
Fluid Grade	ATF	SAE 15W40					
Unit Age				269083		270000	
Component Age			250718	269083	244246	270000	
Fluid Age			6000			6000	
Filter Age						6000	
Fluid Added				28			
Fluid Changed	Not Changed	Not Changed	Not Changed	Changed	Not Changed	Changed	N
Filter Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	N
Sample Taken By							
Service Type							

Sample Information    Graph Selection    Display Options    Export & Download

Tracking Number: 38950336  
Date Sampled: 01 Apr 2021  
Component UIN: 01BFE68  
Component Type: Diesel Engine  
Fluid Brand: Mercedes Benz  
Fluid Name/Grade: ATF/ATF

Display Method: Graphical  
Samples: 20

Display Fluid Changes:   
Display Filter Changes:   
Display Compartment Age:

Display Wear Metals as a Wear Rate by Time on Fluid:   
Display Wear Metals as a Virtual Period Based on Wear Rate:   
Virtual Time Period: 250

Generate

Now you're ready to generate a chart and data grid. To do so press the big green generate button above.

Test Code  
Metals (ppm)  
Aluminum (Al)  
Nickel (Ni)  
Chromium (Cr)  
Iron (Fe)

Tests    Action Bar

### Trending Analysis screen shown above

Trending Analysis screen enables the user to display the sample reports data (including the historical data in the following two formats:

- Graphical Format
- Numerical format

### How to generate graphs in Trending Analysis



- The **sample data Default** for Trending Analysis screen is set at 20 samples, but a desired number of historical samples can be selected.
- Select the tests to graph by selecting the **single checkbox** next to the test or **header checkbox** to select all tests for that section. The checkbox next to **Test Code** selects all tests.
- Ensure the **'Display method'** option is selected as 'Graphic'.
- Next select 'Generate' on the green border.
- Oil and Filter changes on the graphs can be displayed by selecting the appropriate boxes provided above the green border.

Tracking Number	38950336
Date Sampled	01 Apr 2021
Component UIN	01BFE68
Component Type	Diesel Engine
Fluid Brand	Mercedes Benz
Fluid Name/Grade	ATF/ATF

Display Method: Graphical

Display Fluid Changes:

Display Wear Metals as a Wear Rate by Time on Fluid:

Samples: 20

Display Filter Changes:

Display Wear Metals as a Virtual Period Based on Wear Rate:

Display Compartment Age:

Virtual Time Period: 250

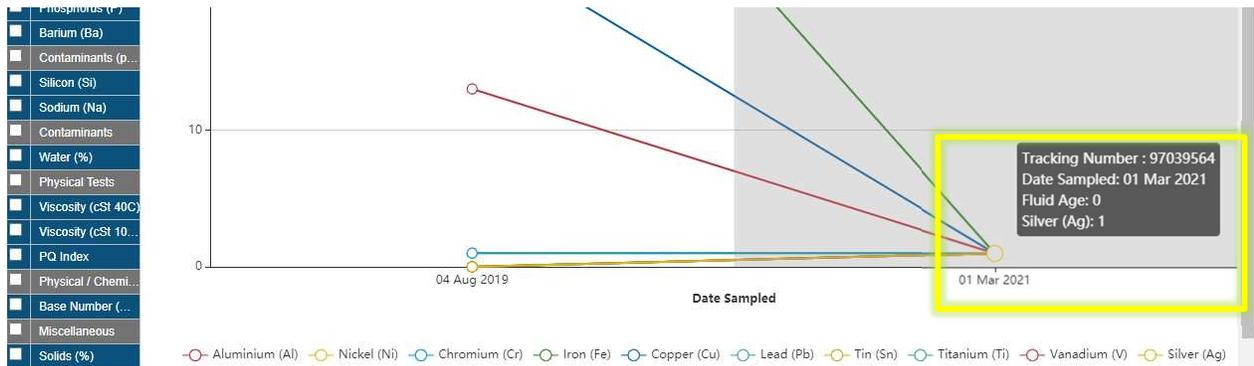
**Generate**

Test Code

- Metals (ppm)
- Aluminium (Al)
- Nickel (Ni)
- Chromium (Cr)
- Iron (Fe)
- Copper (Cu)
- Lead (Pb)
- Tin (Sn)
- Titanium (Ti)
- Vanadium (V)
- Silver (Ag)
- Additives (ppm)
- Potassium (K)
- Molybdenum (Mo)
- Boron (B)

Now you're ready to generate a chart and data grid. To do so press the big green generate button above.

**Hovering** over the sample point displays the Tracking Number, Date Sampled, Fluid Age & the result for the sample point.



### How to generate numerical (historical) data in Trending Analysis

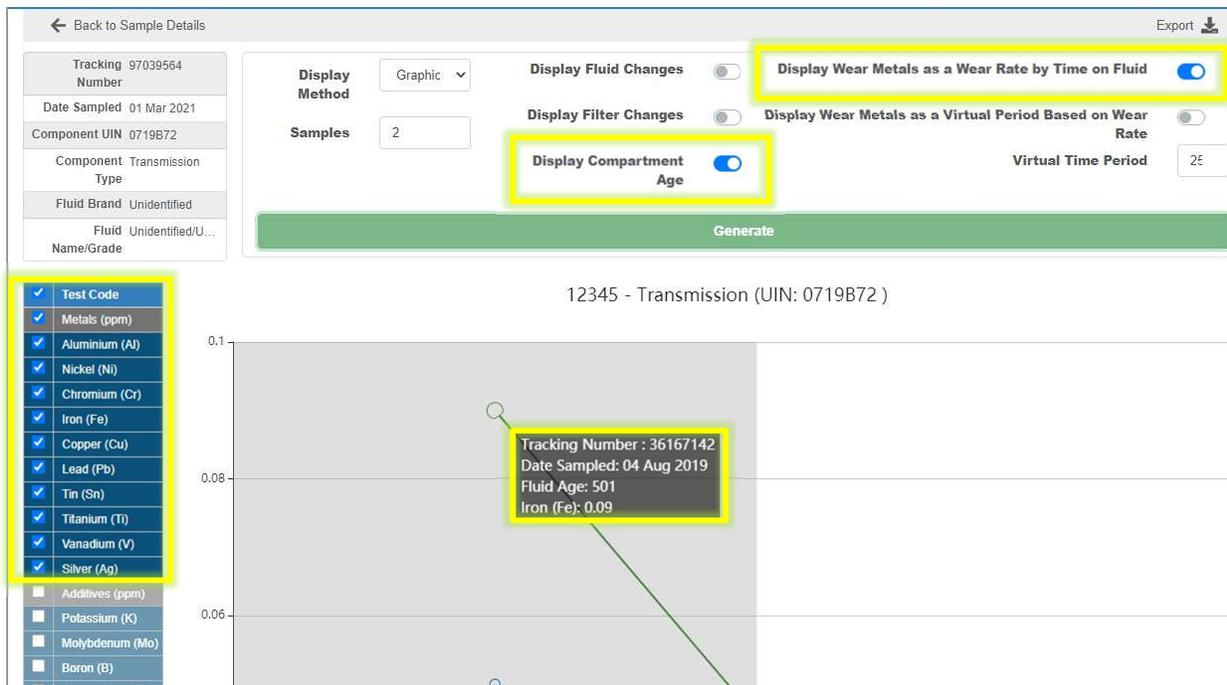
- Select the tests to graph by selecting the **single checkbox** next to the test or **header checkbox** to select all tests for that section. The checkbox next to **Test Code** selects all tests.
- Ensure the **'Display method'** option is selected as 'Numerical'.
- Next select **'Generate'** on the green border.

Date Sampled	01 Sep 2021	15 Sep 2020	19 Oct 2019	20 Feb 2018	02 Feb 2017	21 Oct 2015	03 Oct 2014	05 Nov 2013	23 Oct 2012	21 Oct 2011
Component Age	0	0	958	931	912	888	871	839	823	808
Fluid Age	0	0	66	38	19	76	58	28	10	65
Fluid Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Changed	Not Changed
Filter Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed
<input type="checkbox"/> Test Code										
<input checked="" type="checkbox"/> Metals (ppm)										
<input checked="" type="checkbox"/> Aluminium (Al)	1	2	2	2	1	<1	1	<1	2	<1
<input checked="" type="checkbox"/> Nickel (Ni)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<input checked="" type="checkbox"/> Chromium (Cr)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<input checked="" type="checkbox"/> Iron (Fe)	2	6	5	5	3	5	4	1	2	8
<input checked="" type="checkbox"/> Copper (Cu)	<1	3	2	1	<1	2	1	<1	<1	2
<input checked="" type="checkbox"/> Lead (Pb)	<1	2	2	1	<1	2	<1	<1	<1	1
<input checked="" type="checkbox"/> Tin (Sn)	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
<input checked="" type="checkbox"/> Titanium (Ti)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<input checked="" type="checkbox"/> Vanadium (V)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<input checked="" type="checkbox"/> Silver (Ag)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<input type="checkbox"/> Additives (ppm)										

### Activating the **Wear Metals as a Wear Rate by Time on Fluid** feature

- Start by selecting the option “Display Wear Metals as a Wear rate by Time on Fluid”
- This option displays the **Wear Rate** below the **Metal** results. (see screen dump below)
- The system automatically selects the **Display Compartment Age** and only the **Metals** group is available for selection. Hovering over the sample point it will display the **Wear Rate** for the **Metal** selected.

Date Sampled	01 Mar 2021	04 Aug 2019
Component Age	0	500
Fluid Age	0	501
Fluid Changed	Not Changed	Not Changed
Filter Changed	Not Changed	Not Changed
<input checked="" type="checkbox"/> Test Code		
<input checked="" type="checkbox"/> Metals (ppm)		
<input checked="" type="checkbox"/> Aluminium (Al)	1	13
Aluminium (Al) ...	—	0.03
<input checked="" type="checkbox"/> Nickel (Ni)	1	1
Nickel (Ni) Wear...	—	0.00
<input checked="" type="checkbox"/> Chromium (Cr)	1	1
Chromium (Cr) ...	—	0.00
<input checked="" type="checkbox"/> Iron (Fe)	1	44
Iron (Fe) Wear R...	—	0.09
<input checked="" type="checkbox"/> Copper (Cu)	1	24



12345 - Transmission (UIN: 0719B72)

Tracking Number : 36167142  
Date Sampled: 04 Aug 2019  
Fluid Age: 501  
Iron (Fe): 0.09



### 1.17 View Sample Report- (option on the sample details screen)

A pdf report may be displayed by clicking on **View PDF Report icon** under **Export/Legacy**. Select the desired sample by clicking anywhere within the **Result** column, click on **View PDF Report icon**.



View PDF Report

		Sample Actions			Links		Export/Legacy	
<b>Date Sampled</b>	05 Aug 2021	18 Feb 2015	02 Feb 2015	17 Dec 2014	16 Nov 2014	06 Nov 2014		
<b>Tracking Number</b>	39383293	112580560044	9749683	102466390027	9732294	10246646015		
<b>Severity</b>	Normal	Normal	Normal	Normal	Normal	Normal		
<b>Problem Code</b>	None	None	None	None	None	None		
<b>Fluid Manufacturer</b>	Chevron	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified		
<b>Fluid Type</b>	Delo	Unidentified	Unidentified	Unidentified	Unidentified	Unidentified		
<b>Fluid Grade</b>	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40		
<b>Unit Age</b>		265409						
<b>Component Age</b>		265409	244976					
<b>Fluid Age</b>								
<b>Filter Age</b>								
<b>Fluid Added</b>		28						
<b>Fluid Changed</b>	Not Changed	Changed	Not Changed	Not Changed	Not Changed	Not Changed		
<b>Filter Changed</b>	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed		
<b>Sample Taken By</b>								
<b>Service Type</b>								
<b>Metals (ppm)</b>								
<b>Aluminium (Al)</b>	-	1	2	1	1	2		
<b>Nickel (Ni)</b>	-	<1	<1	<1	<1	<1		
<b>Chromium (Cr)</b>	-	1	2	1	1	1		
<b>Iron (Fe)</b>	-	21	25	16	16	23		
<b>Copper (Cu)</b>	-	18	23	16	12	20		
<b>Lead (Pb)</b>	-	2	4	<1	2	5		
<b>Tin (Sn)</b>	-	<1	<1	<1	<1	<1		



A pdf report may also be displayed from the New Sample list by clicking on the paper icon.

	D... S...	T... N...	L... N...	S... C...	P... C...	U... Id	U... S... N...	C... N...	C... S... N...	U... N...	C... N...	D... R...	D... D...	Samples		
<input type="checkbox"/>	01 Sep 2021	394...	4001...	Normal	None	1834		Diesel Engine		01BF...	ALS Trans... Demo - Cleve...	01 Sep 2021	15 Oct 2021	View Sample		
<input type="checkbox"/>	04 Aug 2021	393...	4001...	Normal	None	7440	1234...	Diesel Engine		01BF...	ALS Trans... Demo - Mus...	10 Aug 2021	10 Aug 2021	View Sample		

A Two page report is displayed.

**UIN 04D87EE**

**Bearing**

Unit No. 41133

Unit: Tolamith

Make Model

Serial No. 41133

Site

Compartment: Bearing

Make Model

Serial No.

Capacity: 165.0 gal

Customer: ALS TRANSPORT DEMO - MUSWELLBROOK  
Unit 2, Lot B Industrial Class  
Muswellbrook NSW 2333  
Available for testing the postal address

**DIAGNOSIS**

No interpretation of results provided. Sample run for test data only.

ANALYST: Maria Chavez

**LEGEND**

Normal (Green), Reverse (Red), Abnormal (Yellow), Carbon (Black), Normal (Green)

Right Solutions • Right Partner

DATE SAMPLED	06-Dec-20	06-Dec-20	04-Dec-20	03-Dec-20	02-Dec-20	01-Dec-20
DATE REPORTED	11-Dec-20	11-Dec-20	11-Dec-20	11-Dec-20	11-Dec-20	10-Dec-20
LAR NO.	40010484173	40010484172	40010484171	40010484170	40010484169	40010484168
SPT NO.	36930115	36930112	36930290	36930288	36930169	36930019
TIME ON UNIT	Hrs	Hrs				
TIME ON OIL	Hrs	Hrs				
OIL BRAND	Identified	Identified	Identified	Identified	Identified	Identified
OIL TYPE	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
OIL GRADE	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
OIL ADDITIVE	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
FLTR: OIL CHANGED	gal	gal				
NO. RESTART	Hrs	Hrs				
Not Applicable						

Metals (ppm)	Iron (Fe)	Chromium (Cr)	Copper (Cu)	Tin (Sn)	Aluminum (Al)	Nickel (Ni)	Silver (Ag)	Titanium (Ti)	Vanadium (V)
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Contaminants (ppm)	Silicon (Si)	Sodium (Na)	Potassium (K)
<1	<1	<1	<1
1	1	1	1
8	8	8	8

Additives (ppm)	Barium (Ba)	Calcium (Ca)	Zinc (Zn)	Molybdenum (Mo)	Boron (B)
<1	<1	<1	<1	<1	<1
11	11	11	11	11	11
<1	<1	<1	<1	<1	<1
230	230	230	230	230	230
2	2	2	2	2	2
<1	<1	<1	<1	<1	<1
<5	<5	<5	<5	<5	<5

Contaminants	Water (%)
0.05	0.05
0.05	0.05
0.05	0.05
0.05	0.05
0.05	0.05
0.05	0.05

Physical Tests	PC Index	Visual Solids
212.0	<10	Trace
212.0	<10	<0.1
212.0	<10	<0.1
212.0	<10	<0.1
212.0	<10	<0.1
212.0	<10	<0.1

**UIN 04D87EE**

**U.S. Laboratories**

Atlanta, Georgia - 420 | Valley View, Ohio - 410

Burlington, Ontario - 450 | Edmonton, Alberta - 402

Phoenix, Arizona - 440

Portland, Oregon - 401

**Canadian Laboratories**

Burlington, Ontario - 450 | Edmonton, Alberta - 402

**Sales & Marketing**

Houston, Texas

**International Locations**

Australia, New Zealand, South America, Southeast Asia, Europe

**TEST METHODS:**

Add Number: ASTM D6763 (M)

Base Number: ASTM D4739 (M)

Base Number (Perchloric): ASTM D2899 (M)

Fuel Dilution by GC: ASTM D7183

Fuel Dilution by GC/MS: ASTM D7183

Fuel Sulfur by IR: ASTM D7844

Glycol: In House

Moisture by KF: ASTM D1535 (M)

Oil, NDL, SCL, FTR: ASTM E2412 (M) / ISO 7244

PD Index: ASTM D8120 (M)

Particle Count: ASTM D1067 (M) / ISO 4406

Viscosity: ASTM D445 (M) / D7279 (M)

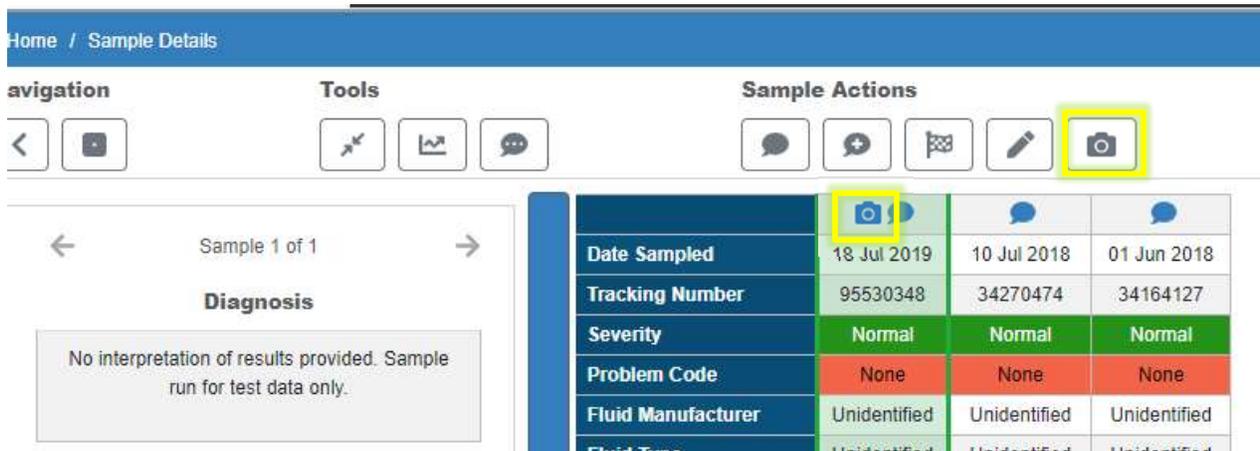
Water KF: D834 / E203 (M)

Water Checker: In House

Filter patch test is not performed. Contact laboratory for more information.

## 1.18 View Sample Images - (option on the Sample Details screen)

If the sample contains **Filter Patches** or MPE Imaging, the **Sample Details** page will display a **camera icon** (See screen dump below). The sample images can also be viewed by clicking on the Camera icon under Sample Actions.



Home / Sample Details

Navigation: < [Camera Icon] >

Tools: [Zoom Icon] [Chart Icon] [Messages Icon]

Sample Actions: [Messages Icon] [Add Icon] [Flag Icon] [Edit Icon] [Camera Icon]

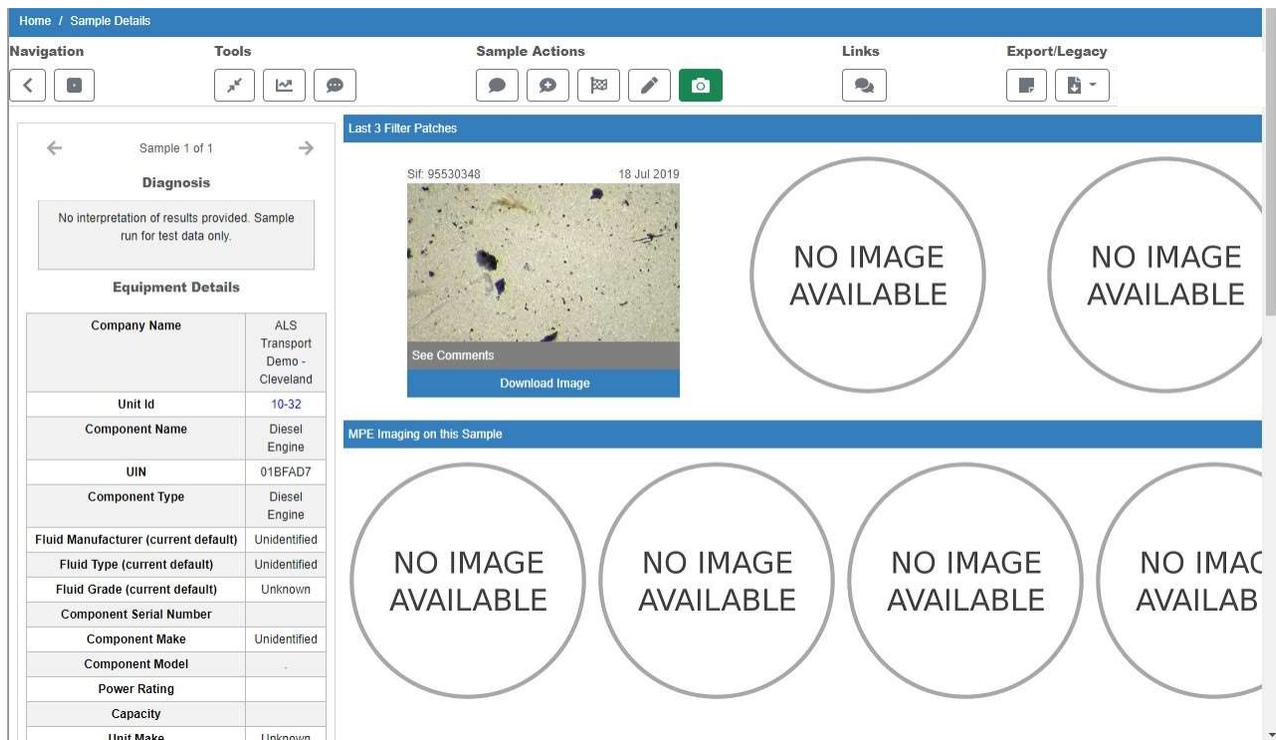
Sample 1 of 1

**Diagnosis**

No interpretation of results provided. Sample run for test data only.

Date Sampled	18 Jul 2019	10 Jul 2018	01 Jun 2018
Tracking Number	95530348	34270474	34164127
Severity	Normal	Normal	Normal
Problem Code	None	None	None
Fluid Manufacturer	Unidentified	Unidentified	Unidentified
Fluid Type	Unidentified	Unidentified	Unidentified

The last 3 Filter Patches and/or last 4 MPE Images are displayed.



Home / Sample Details

Navigation: < [Camera Icon] >

Tools: [Zoom Icon] [Chart Icon] [Messages Icon]

Sample Actions: [Messages Icon] [Add Icon] [Flag Icon] [Edit Icon] [Camera Icon]

Links: [Messages Icon]

Export/Legacy: [Print Icon] [Download Icon]

Sample 1 of 1

**Diagnosis**

No interpretation of results provided. Sample run for test data only.

**Equipment Details**

Company Name	ALS Transport Demo - Cleveland
Unit Id	10-32
Component Name	Diesel Engine
UIN	01BFAD7
Component Type	Diesel Engine
Fluid Manufacturer (current default)	Unidentified
Fluid Type (current default)	Unidentified
Fluid Grade (current default)	Unknown
Component Serial Number	
Component Make	Unidentified
Component Model	
Power Rating	
Capacity	
Unit Make	Unknown

**Last 3 Filter Patches**

SIF: 95530348 18 Jul 2019



See Comments Download Image

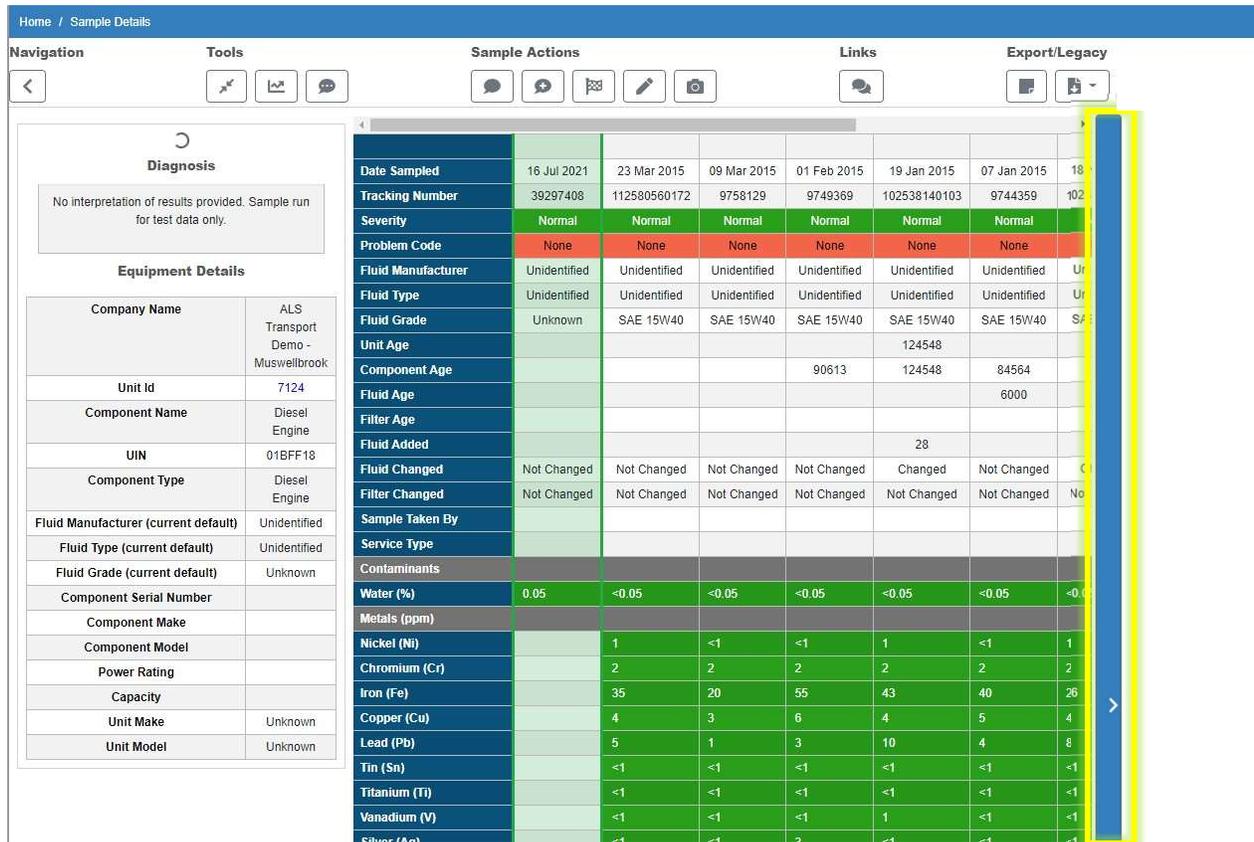
NO IMAGE AVAILABLE NO IMAGE AVAILABLE

**MPE Imaging on this Sample**

NO IMAGE AVAILABLE NO IMAGE AVAILABLE NO IMAGE AVAILABLE NO IMAGE AVAILABLE

## 1.19 Sample History - (option on the Sample Details screen)

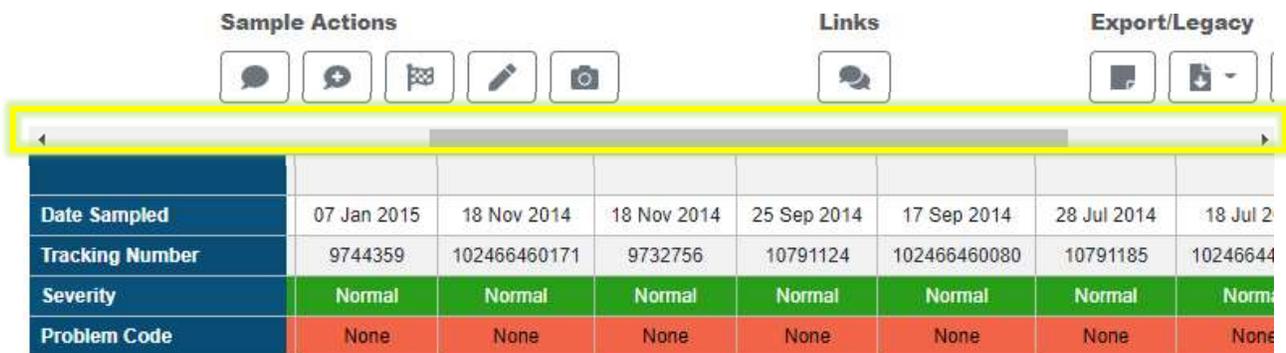
If Component contains more **historical** samples than what is displayed on the screen, a **blue Loading Bar** will appear on the screen. To **load** more samples, click on the blue **Loading Bar** on the right hand side of the page.



The screenshot shows the 'Sample Details' screen with a table of sample history. The table has columns for 'Date Sampled' and various parameters. A blue loading bar is visible on the right side of the table, indicating that more samples are available but not currently displayed. The table data is as follows:

Date Sampled	16 Jul 2021	23 Mar 2015	09 Mar 2015	01 Feb 2015	19 Jan 2015	07 Jan 2015	18 Jul 2014
Tracking Number	39297408	112580560172	9758129	9749369	102538140103	9744359	10246644
Severity	Normal						
Problem Code	None						
Fluid Manufacturer	Unidentified						
Fluid Type	Unidentified						
Fluid Grade	Unknown	SAE 15W40					
Unit Age					124548		
Component Age				90613	124548	84564	
Fluid Age						6000	
Filter Age							
Fluid Added					28		
Fluid Changed	Not Changed	Not Changed	Not Changed	Not Changed	Changed	Not Changed	Not Changed
Filter Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed	Not Changed
Sample Taken By							
Service Type							
Contaminants							
Water (%)	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Metals (ppm)							
Nickel (Ni)		1	<1	<1	1	<1	1
Chromium (Cr)		2	2	2	2	2	2
Iron (Fe)		35	20	55	43	40	26
Copper (Cu)		4	3	6	4	5	4
Lead (Pb)		5	1	3	10	4	8
Tin (Sn)		<1	<1	<1	<1	<1	<1
Titanium (Ti)		<1	<1	<1	<1	<1	<1
Vanadium (V)		<1	<1	<1	1	<1	<1
Silver (Ag)		<1	<1	3	<1	<1	<1

Once the samples are loaded, the user may **scroll** by using the **scroll bar** on top of the page. A **left and right arrow** will appear.



The screenshot shows the 'Sample Details' screen with a table of sample history. The table has columns for 'Date Sampled' and various parameters. A scroll bar is visible on top of the table, indicating that the user can scroll through the data. The table data is as follows:

Date Sampled	07 Jan 2015	18 Nov 2014	18 Nov 2014	25 Sep 2014	17 Sep 2014	28 Jul 2014	18 Jul 2014
Tracking Number	9744359	102466460171	9732756	10791124	102466460080	10791185	10246644
Severity	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Problem Code	None	None	None	None	None	None	None



If the user is displaying a **Sample Details** for a **historical** sample, a blue **Loading Bar** will appear on the **left hand side** of the screen. Click on the **Loading Bar** to add more **recent samples**.

To display the most **recent** sample, click on the **View Latest Sample icon**. If the **latest** sample is already **displayed**, the icon and **Loading Bar** will not be available.



View Latest Sample

Home / Sample Details

Navigation Tools Sample Actions Links

Sample 1 of 1

**Diagnosis**

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range.

Action: Resample next service interval to further monitor.

**Equipment Details**

Company Name	ALS Transport Demo - Muswellbrook
Unit Id	7124
Component Name	Diesel Engine
UIN	01BFF18
Component Type	Diesel Engine
Fluid Manufacturer (current default)	Unidentified
Fluid Type (current default)	Unidentified
Fluid Grade (current default)	Unknown
Component Serial Number	
Component Make	
Component Model	
Power Rating	
Capacity	
Unit Make	Unknown
Unit Model	Unknown

	28 Jul 2014	18 Jul 2014	21 May 2014	08 May 2014
Date Sampled	28 Jul 2014	18 Jul 2014	21 May 2014	08 May 2014
Tracking Number	10791185	102466440117	10346234	102352200186
Severity	Normal	Normal	Normal	Normal
Problem Code	None	None	None	None
Fluid Manufacturer	Unidentified	Unidentified	Unidentified	Unidentified
Fluid Type	Unidentified	Unidentified	Unidentified	Unidentified
Fluid Grade	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40
Unit Age		104764	138000	97000
Component Age		104764	138000	97000
Fluid Age		6000		6000
Filter Age		6000		
Fluid Added				
Fluid Changed	Not Changed	Changed	Changed	Changed
Filter Changed	Not Changed	Not Changed	Not Changed	Not Changed
Sample Taken By				
Service Type				
Metals (ppm)				
Aluminium (Al)	7	3	9	4
Nickel (Ni)	<1	1	<1	1
Chromium (Cr)	2	1	1	1
Iron (Fe)	36	20	30	31
Copper (Cu)	7	4	4	4
Lead (Pb)	11	6	5	3
Tin (Sn)	2	<1	<1	<1
Titanium (Ti)	<1	<1	<1	<1
Vanadium (V)	<1	<1	<1	<1
Silver (Ag)	<1	<1	<1	<1
Additives (ppm)				

## 1.20 View Feedback Component (Option in Sample Details screen)

To view **Component Feedback** click on the **View Feedback by Component** icon under **Tools**.



View Feedback By Component



Clicking on the icon displays a **list of the Feedback** submitted for the **Component**.

Feedback ×

Date	Subject	Severity	Status	Comp Age	Fluid Changed?	Filter Changed?	Work Order #	Description	Action
22 Jul 2021	General Comment	Normal	Open		Not Changed	Not Changed			
26 Feb 2020	General Comment	Normal	Open		Not Changed	Not Changed			
14 Jun 2019	General Comment	Normal	Open		Not Changed	Not Changed			
06 Nov 2018	General Comment	Normal	Open		Not Changed	Not Changed			
30 Oct 2018	General Comment	Normal	Open		Not Changed	Not Changed			
30 Oct 2018	General Comment	Normal	Open	0	Not Changed	Not Changed		changing feedback	
04 Oct 2018	General Comment	Normal	Open		Not Changed	Not Changed			
04 Oct 2018	General Comment	Normal	Open		Not Changed	Not Changed			

## 1.21 Feedback History

To display the Feedback History, click on the **Feedback History** icon, under **Links**.



Feedback History





Clicking on **Feedback History** icon displays the **search for Feedback** screen. This screen displays if the Feedback has been read. **Unread Feedback** is marked with a green checkbox icon, if a **Feedback has been read** it will be marked with a red X. All or selected Feedback may also be exported, select the desired format by clicking on the down arrow next to Export.

Search for Feedback

Companies         Units         Compartments

Tracking Number       Problem Code         Customer Severity Rating

Subject         Date Submitted

<input type="checkbox"/>	Date Sub...	Tra... Nu...	Unit Id	Co... Name	Last Meter Read Date	Last Meter Read	Pro... Code	Dist... Met...	Sub...	Attachm...	Read?	
<input type="checkbox"/>	18 Aug 2021	393832...	7440	Diesel Engine			None	Internal Comment	General Comment		<input checked="" type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="View"/>
<input type="checkbox"/>	21 Jul 2021	972600...	10-32	Diesel Engine			None	Internal Comment	General Comment		<input checked="" type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="View"/>
<input type="checkbox"/>	18 May 2021	934372...	2767	Diesel Engine			Water	Internal Comment	General Comment		<input checked="" type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="View"/>
<input type="checkbox"/>	06 Apr 2021	385089...	7178	Diesel Engine			Water	Internal Comment	General Comment		<input type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="View"/>

**FURTHER ACTIONS**

- Export All Results As CSV
- Export All Results As XML
- Export Selection As CSV
- Export Selection As XML

## 1.22 Export - (option on the Sample Details screen)

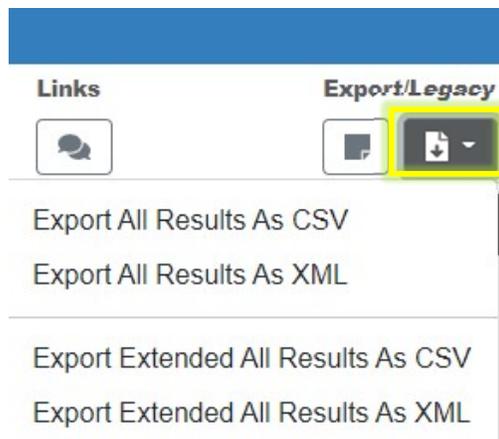
**Sample Details** may be **exported** by clicking on the **Export** icon under **Export/Legacy**.



**Sample Details** may be exported in the following 4 formats:

Export all results as CSV or XML

Export Extended all results as CSV & XML

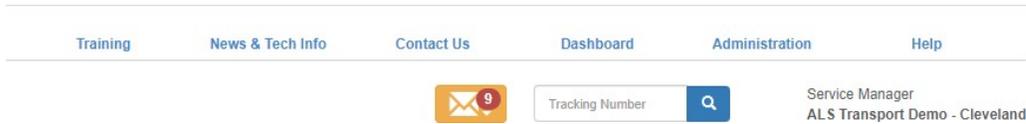


**Extended Export** consists of all the fields included in the **Standard Export** as well as the following fields:

Unit_MakeName	Sample_SubmittedByName
Unit_ModelName	Sample_SubmissionComments
ServiceType	Feedback_Work_Order_Number
Sample_SubmittedBy	Feedbackby

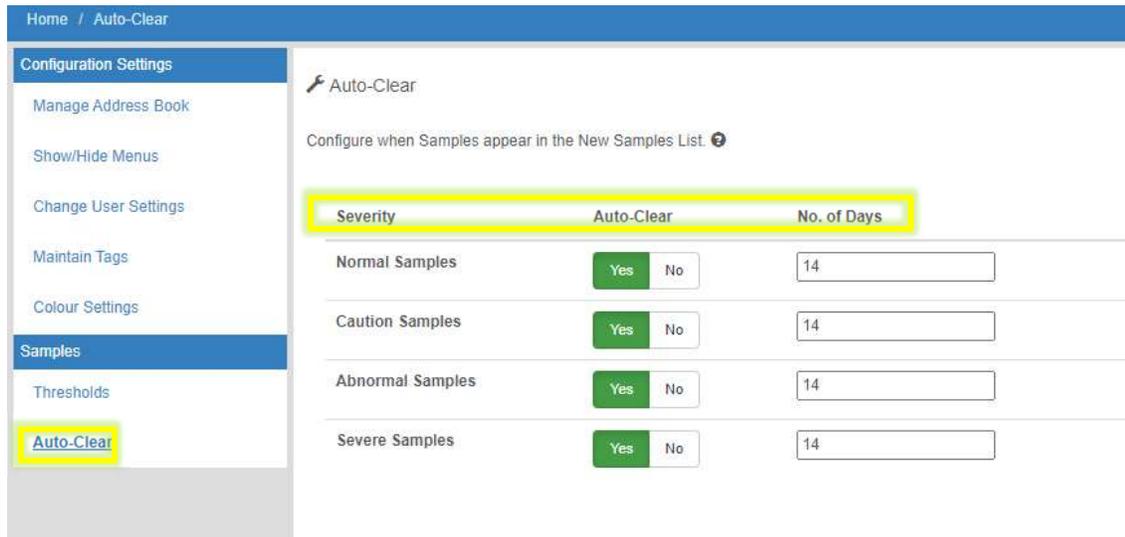
## 1.23 New Samples List Configuration-

To configure the **New Samples** list go to sample settings in **Administration**.



The **New Samples** list may be set to **Auto-Clear** for selected Severities and for a specific **Number of Days**. **Auto-Clear** default is set to **14 days** for all **Severities**.

- Selecting **Yes**, the samples will be cleared from the **New Sample** list at the specified Number of Days. *Note: If the **Number of Days** entered is **0**, the samples for the specified **Severity** will not appear in the **New Samples** list.*
- Selecting **No**, the samples will be cleared from the **New Samples** list **only after the sample is viewed**.

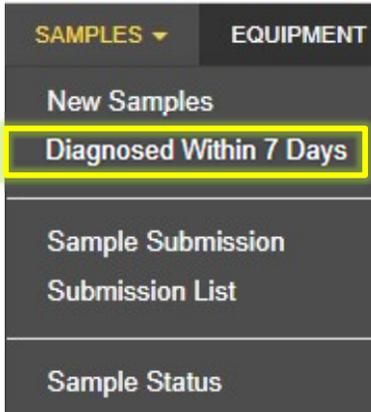


The screenshot shows the 'Auto-Clear' configuration page. The left sidebar has 'Auto-Clear' highlighted under the 'Samples' section. The main content area shows a table for configuring when samples appear in the New Samples List.

Severity	Auto-Clear	No. of Days
Normal Samples	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="14"/>
Caution Samples	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="14"/>
Abnormal Samples	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="14"/>
Severe Samples	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="14"/>

## 2. Diagnosed within 7 Days

From the Samples menu, select Diagnosed within 7 Days from the dropdown menu.



### 2.1 Diagnosed within 7 Days list

The columns within the New Samples list may be rearranged, sorted, filtered, unneeded columns may be hidden, by clicking on the down arrow icon from any column. There are **hyperlinks** within the **New Sample** list. The **hyperlinks** are highlighted in **blue**, when clicked it will display details for the item selected.

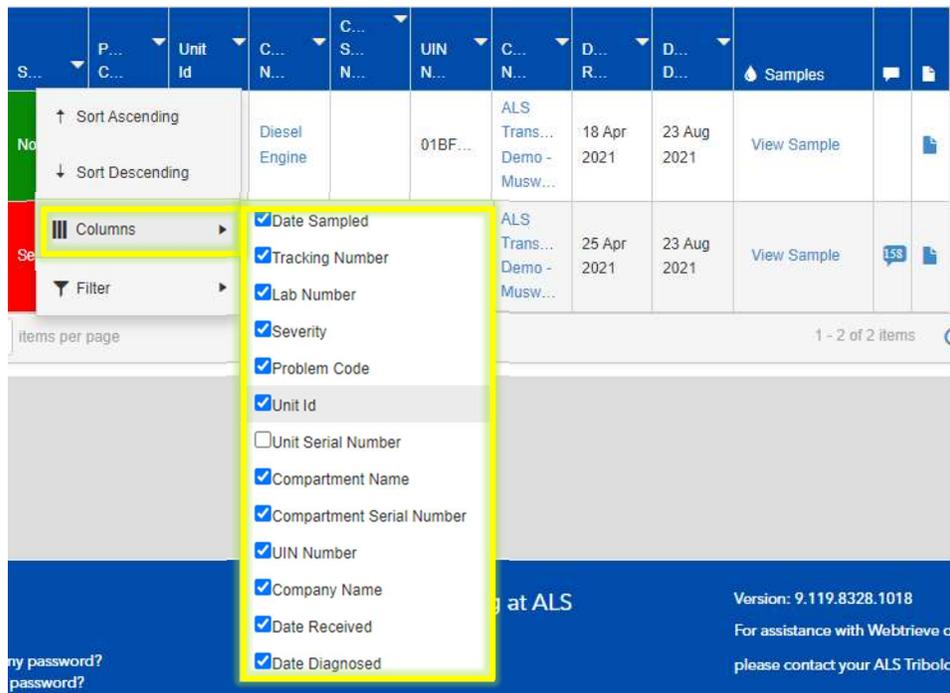
■	D... S...	T... N...	L... N...	S...	P... C...	U... Id	U... S... N...	C... N...	C... S... N...	U... N...	C... N...	D... R...	D... D...	Samples		
<input type="checkbox"/>	31 Mar 2021	389...	4001...	Normal	None	7781		Diesel Engine		01BF...	ALS Trans... Demo - Mus...	18 Apr 2021	23 Aug 2021	View Sample		
<input type="checkbox"/>	31 Mar 2021	389...	4001...	Severe	Water	7423		Diesel Engine		01BF...	ALS Trans... Demo - Mus...	25 Apr 2021	23 Aug 2021	View Sample	<a href="#">153</a>	

10 items per page 1 - 2 of 2 items

Total number of records per page may be changed at the bottom of the screen.

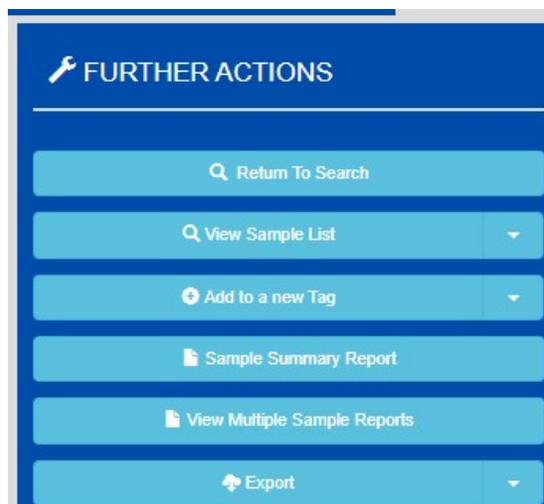
## 2.2 Adding or Removing Columns in the Diagnosed within 7 Days list.

To **add or remove** columns, **click on Columns** from the dropdown menu. Click on the checkbox for the column to be removed, **click again** to add the column back to the screen.



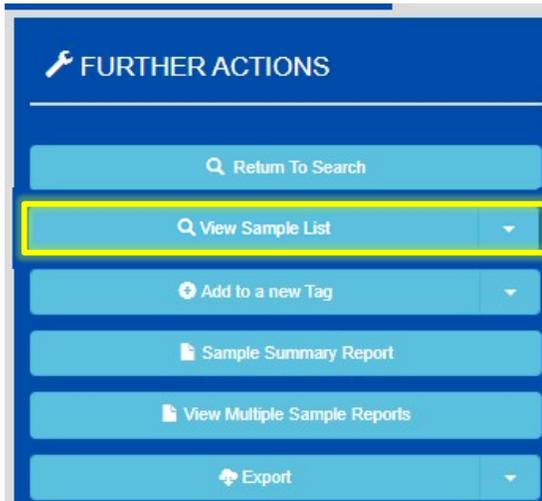
## 2.3 Further Actions

A series of **'Further Actions'** options are provided on the right-hand side of the **Diagnosed within 7 Days** screen.



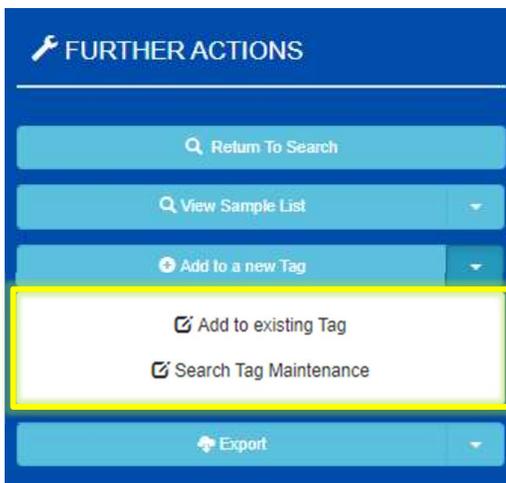
## 2.4 View sample list (under Further Actions menu)

Within the **Further Actions** the **View Sample List** option displays Companies, Units & Compartment lists for the **New Samples** list.



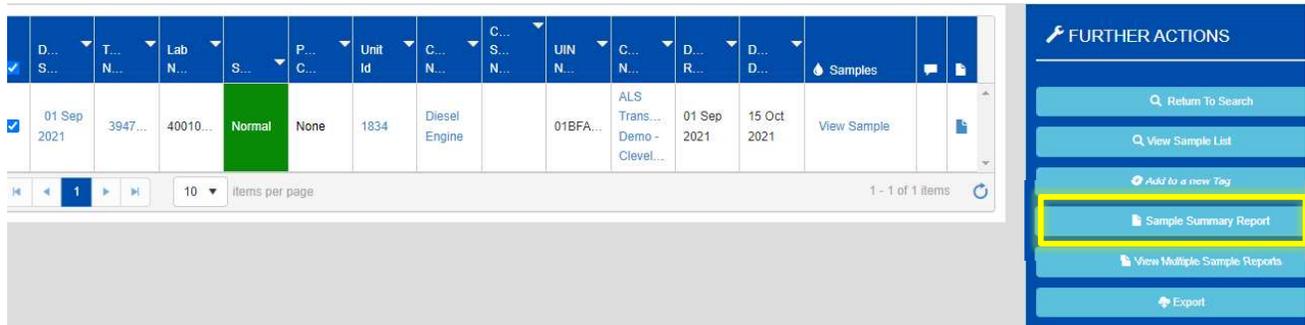
## 2.5 Tagging (under Further Actions menu)

Samples may be grouped by using the Tag feature. Tags may be placed on Samples, Equipment or Companies with an identifying name of your choice. The tagged items may be viewed as a list in **My Tagged Items** under the search dropdown menu. Click on **Add to new Tag**. To add to an existing **Tag**, click on the dropdown arrow and select **Add to existing Tag**. A search may be performed by selecting **Search Tag Maintenance**



## 2.6 Sample Summary Report (under Further Actions menu)

A **Sample Summary Report** may be emailed from this page. Select the desired samples to email by clicking on the checkbox for the sample or by select all on the page by clicking on the header checkbox. Once a selection is made, click on **Sample Summary Report**.



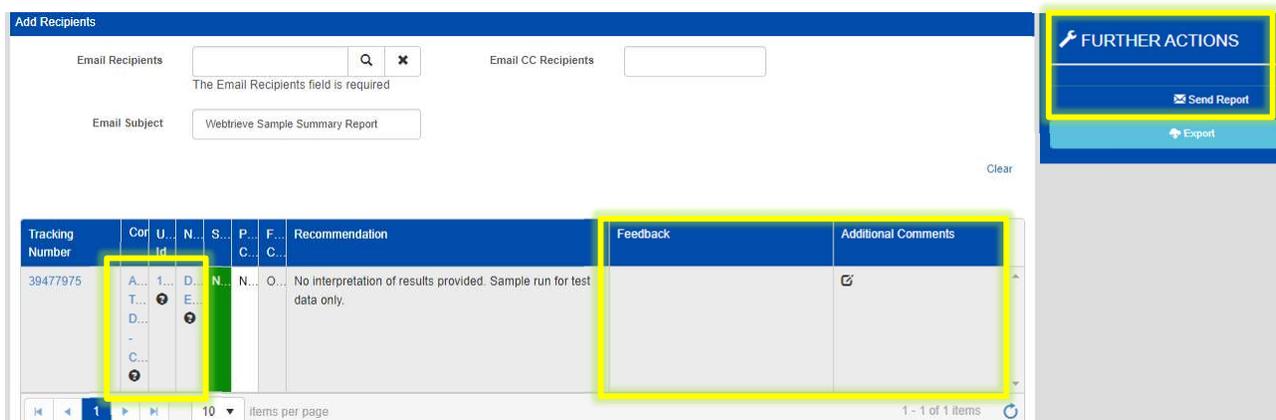
D... S...	T... N...	Lab N...	S...	P... C...	Unit Id	C... N...	C... S... N...	UIN N...	C... N...	D... R...	D... D...	Samples	
<input checked="" type="checkbox"/>	01 Sep 2021	3947...	40010...	Normal	None	1834	Diesel Engine		01BFA...	ALS Trans... Demo - Clevel...	01 Sep 2021	15 Oct 2021	View Sample

10 Items per page | 1 - 1 of 1 items

**FURTHER ACTIONS**

- Return To Search
- View Sample List
- Add to a new Tag
- Sample Summary Report**
- View Multiple Sample Reports
- Export

The **Sample Summary** page is displayed. Recipients may be selected from the **Address Book** in **Administration** section of the page. There are information icons {?} for Company, Unit and Component, which displays their details. **Feedback** and **Additional Comments** may be added. Additional comments are highlighted in **Red**, for easier viewing. The Summary may be emailed or exported using the Further Actions options.



Add Recipients

Email Recipients     Email CC Recipients

The Email Recipients field is required

Email Subject

Clear

Tracking Number	Cor Id	U... N...	S... N...	P... C...	F... C...	Recommendation	Feedback	Additional Comments
39477975	<input checked="" type="checkbox"/>	A... T... D... - C...	1... E... N...	D... E... O...		No interpretation of results provided. Sample run for test data only.		<input type="text"/>

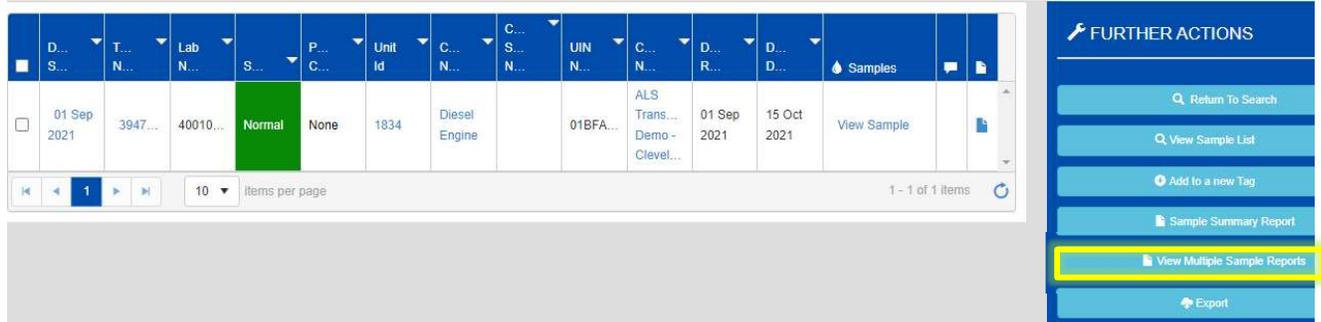
10 Items per page | 1 - 1 of 1 items

**FURTHER ACTIONS**

- Send Report**
- Export

## 2.7 Viewing Multiple Reports (under Further Actions menu)

A full-page **Report** may be displayed by selecting the **paper icon** next to the Feedback column. **Multiple Reports** may be displayed by clicking on the checkbox for the sample or to select all samples on the page by clicking on the header checkbox.



<input type="checkbox"/>	D... S...	T... N...	Lab N...	S...	P... C...	Unit Id	C... N...	C... S... N...	UIN N...	C... N...	D... R...	D... D...	Samples		
<input type="checkbox"/>	01 Sep 2021	3947...	40010...	Normal	None	1834	Diesel Engine		01BFA...	ALS Trans... Demo - Clevel...	01 Sep 2021	15 Oct 2021	View Sample		

**FURTHER ACTIONS**

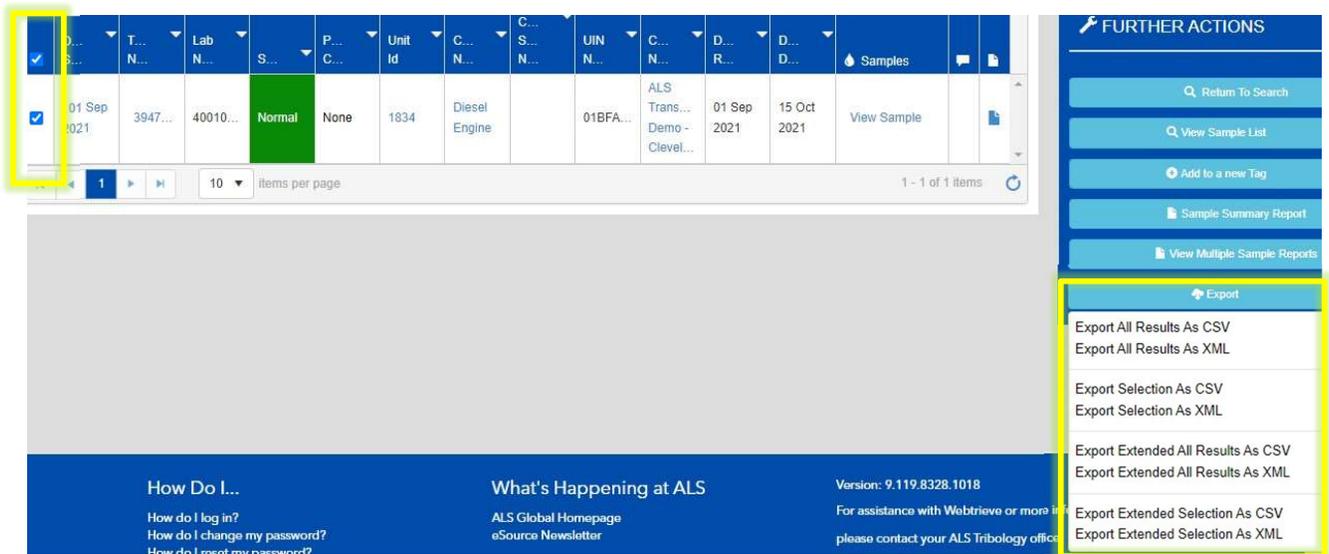
- [Return To Search](#)
- [View Sample List](#)
- [Add to a new Tag](#)
- [Sample Summary Report](#)
- [View Multiple Sample Reports](#)
- [Export](#)

## 2.8 Exports (under Further Actions menu)

Export options may be selected within the Further Actions menu. Data Export file may be exported several ways in CSV or XML format.

1. Select Samples to export by using the checkboxes on the left side of the screen.
2. Select each Sample or all samples on the page by clicking on the header checkbox
3. If all samples are to be export, no need to select each page, there is an **ALL** option.
4. Select the desired format from the dropdown menu:

- Export All Results as CSV
- Export Selection as CSV
- Export Extended All Results as XML
- Export All Results as XML
- Export Selection as XML
- Export Extended Selection as CSV
- Export Extended All Results as CSV
- Export Extended Selection as XML



<input checked="" type="checkbox"/>	D... S...	T... N...	Lab N...	S...	P... C...	Unit Id	C... N...	C... S... N...	UIN N...	C... N...	D... R...	D... D...	Samples		
<input checked="" type="checkbox"/>	01 Sep 2021	3947...	40010...	Normal	None	1834	Diesel Engine		01BFA...	ALS Trans... Demo - Clevel...	01 Sep 2021	15 Oct 2021	View Sample		

**FURTHER ACTIONS**

- [Return To Search](#)
- [View Sample List](#)
- [Add to a new Tag](#)
- [Sample Summary Report](#)
- [View Multiple Sample Reports](#)
- [Export](#)

- Export All Results As CSV
- Export All Results As XML
- Export Selection As CSV
- Export Selection As XML
- Export Extended All Results As CSV
- Export Extended All Results As XML
- Export Extended Selection As CSV
- Export Extended Selection As XML



**Standard Export** consists of the following fields:

Company_Name	SIFNo	Diagnosed	SortOrd
Company_ID	LabNo	Brand	Diagnosis
Unit_ID	Severity	Fluid	Feedback
YOM	Unit_Age	Grade	JobStatus
Compartment_Type	Compartment_Age	Fluid_Manuf	NotificationNumber
Location	Fluid_Age	Transmission	DateNotificationRaised
UINNo	Fluid_Consumption	Work_Order_Number	DateWorkOrderRaised
Compartment_Name	ProblemCode	Fluid_Changed	DateJobClosed
Compartment_MakeName	Sampled	Filter_Changed	MeterReading
Compartment_ModelName	Received	SampleKey	Unit_Serial_Number

**Extended Export** consists of all the fields included in the **Standard Export** as well as the following fields:

Unit_MakeName
Unit_ModelName
ServiceType
Sample_SubmittedBy
Sample_SubmittedByName
Sample_SubmissionComments
Feedback_Work_Order_Number
Feedbackby

## 2.9 How to view a sample - (viewing Sample results)

To display the details of a sample, click on **View Sample**, **Tracking Number** or **Date Sampled** in the **Diagnosed within 7 Days** list.

<input checked="" type="checkbox"/>	Date Sampled	Tracking Number	Lab N...	S...	P... C...	Unit Id	C... N...	C... S... N...	UIN N...	C... N...	D... R...	D... D...	Samples
<input checked="" type="checkbox"/>	01 Sep 2021	39477975	40010...	Normal	None	1834	Diesel Engine		01BFA...	ALS Trans... Demo - Clevel...	01 Sep 2021	15 Oct 2021	View Sample

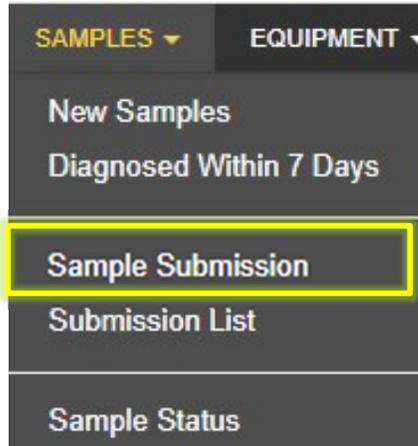
10 items per page | 1 - 1 of 1 items

To view previous samples Diagnosis click on **Diagnosis** button, for Feedback click on the **Feedback** icon. For users with permissions to **update Age or Fluid or Filter change**, you will see the **Update** button. Diagnosis, Update and Feedback boxes may be moved about the page.



### 3. Sample Submission

From the **Samples** menu, select **Sample Submission** from the dropdown menu.



#### 3.1 Filter, Search & Selecting Components

Either filter the list by entering the Unit ID in the **Unit ID Filter** and select **Search** or scroll through the Unit ID list.

The screenshot shows the 'Search for Equipment' interface. At the top, there are search filters for Companies, Units (highlighted in yellow), Unit Serial Number, Compartment Description, Compartment Type, Compartment Serial Number, Compartment Selection (All, New Only), and Site. A 'Search' button is located below the filters. Below the filters is a table with the following columns: Unit Id, Unit Make Name, Site, Comp... Name, Comp... Type, UIN Number, Comp... Make Name, Comp... Model Name, Comp... Serial Number, and Comp... Name. The 'Unit Id' column is highlighted in yellow. The table contains three rows of equipment data.

Unit Id	Unit Make Name	Site	Comp... Name	Comp... Type	UIN Number	Comp... Make Name	Comp... Model Name	Comp... Serial Number	Comp... Name
<input type="checkbox"/> 10-32	Unknown		Diesel Engine	Diesel Engine	01BFAD7	Unidentified			ALS Transport Demo - Cleveland
<input type="checkbox"/> 1210	Caterpillar		Diesel Engine	Diesel Engine	07CC356				ALS Transport Demo - Cleveland
<input type="checkbox"/> 12345	Unidentified		Diesel Engine	Diesel Engine	0719B71				ALS Transport Demo - Cleveland



### 3.2 Equipment Export

**Equipment** may be exported by selecting an export format in Further Actions menu. All equipment or selected equipment may be exported using CSV or XML formats.

Home / Sample Submission Search

Search for Equipment

Companies: [ ] [Q] [X]      Units: [ ] [Q] [X]      Unit Serial Number: [Unit Serial Number]

Compartment Description: [Description]      Compartment Type: [ ] [Q] [X]      Compartment Serial Number: [Compartment Serial]

Compartment Selection: [All] [New Only]      Site: [ ] [Q] [X]      [Clear All] [Search]

<input type="checkbox"/>	Unit Id	Unit Make Name	Site	Comp... Name	Comp... Type	UIN Number	Comp... Make Name	Comp... Model Name	Comp... Serial Number	Comp... Name
<input type="checkbox"/>	10-32	Unknown		Diesel Engine	Diesel Engine	01BFAD7	Unidentified	.		ALS Transport Demo - Cleveland
<input type="checkbox"/>	1210	Caterpillar		Diesel Engine	Diesel Engine	07CC356				ALS Transport Demo - Cleveland

**FURTHER ACTIONS**

- Submit Samples
- Export
- Export All Results As CSV
- Export All Results As XML
- Export Selection As CSV
- Export Selection As XML

Select the check box(es) beside the component(s) you wish to Submit a **Submission**. After selecting the components, click **Submit Samples** under **Further Actions** menu.

Home / Sample Submission Search

Search for Equipment

Companies: [ ] [Q] [X]      Units: [ ] [Q] [X]      Unit Serial Number: [Unit Serial Number]

Compartment Description: [Description]      Compartment Type: [ ] [Q] [X]      Compartment Serial Number: [Compartment Serial]

Compartment Selection: [All] [New Only]      Site: [ ] [Q] [X]      [Clear All] [Search]

<input type="checkbox"/>	Unit Id	Unit Make Name	Site	Comp... Name	Comp... Type	UIN Number	Comp... Make Name	Comp... Model Name	Comp... Serial Number	Comp... Name
<input checked="" type="checkbox"/>	0-32	Unknown		Diesel Engine	Diesel Engine	01BFAD7	Unidentified	.		ALS Transport Demo - Cleveland
<input checked="" type="checkbox"/>	210	Caterpillar		Diesel Engine	Diesel Engine	07CC356				ALS Transport Demo - Cleveland
<input type="checkbox"/>	12345	Unidentified		Diesel Engine	Diesel Engine	0719B71				ALS Transport Demo - Cleveland

**FURTHER ACTIONS**

- Submit Samples
- Export



### 3.3 Tracking No. Entry (optional field)

Sample forms/labels contain a **tracking number**, which may be used during **Sample Submission** process. To enable the Tracking number field, click on Tracking Number button. A column with an open field will appear next to UIN column. **To remove**, click on the **Tracking Number** button again.

Sample Submission

Save Changes **Tracking Number** Cancel

Show/Hide Tracking No Entry

Unit Id	Company Name	Component Name	UIN	Tracking Number	Date Sampled	Unit Age	Component Age
10-32	ALS Transport Demo - Cleveland	Diesel Engine	01BFAD7		01 Nov 2022		
1210	ALS Transport Demo - Cleveland	Diesel Engine	07CC356		01 Nov 2022		

Select the **date sampled**, populate the **age** for the unit and component. Indicate the fluid and filter has been changed using the dropdown menu.

Sample Submission

Save Changes **Tracking Number** Cancel

Unit Id	Company Name	Component Name	UIN	Date Sampled	Unit Age	Component Age	Fluid Changed?	Fluid Age	Filter Changed?
10-32	ALS Transport Demo - Cleveland	Diesel Engine	01BFAD7	01 Nov 2022			Yes		Yes
1210	ALS Transport Demo - Cleveland	Diesel Engine	07CC356	01 Nov 2022			Yes		Yes

Fluid and Filter Age will be automatically calculated.

Sample Submission

Unit Age	Component Age	Fluid Changed?	Fluid Age	Filter Changed?	Filter Age	Service Type	Fluid Top Up	Work Order Number	Sample Taken By	Comments
		Yes		Yes		Select..				
		Yes		Yes		Select..				



Users with **Equipment Editing** permissions may update the fluid type during **Sample Submission**.

Service Type	Fluid Top Up	Work Order Number	Sample Taken By	Comment	Fluid Name	Fluid Manufacturer	Fluid Grade
Select...					Unidentified	Unidentified	Unknown
Select...					Unidentified	Unidentified	SAE 15W40

Once the appropriate fields have been filled, click Save Changes button.

Unit Id	Company Name	Component Name	UIN	Date Sampled
10-32	ALS Transport Demo - Cleveland	Diesel Engine	01BFAD7	01 Nov 2022
1210	ALS Transport Demo - Cleveland	Diesel Engine	07CC356	01 Nov 2022

Upon Saving the Sample Submission, the system will display the Unprinted Submissions list.

Home / Sample Submission / Submission List

Outstanding Sample Submissions list

Tracking Number:

Logged Date: From Date:  To Date:

Unprinted Submissions  
 Deleted Submissions  
 Outstanding Submissions - Not Received  
 Outstanding Submissions - Received by Lab

Clear All



### 3.4 Sample Submission lists

The **Sample Submissions** are grouped in four different lists.

- Unprinted Submissions
- Deleted Submissions
- Outstanding Submissions - Not Received
- Outstanding Submissions - Received by the lab

#### 3.4.1 Unprinted Submissions

To **Print a Submission** select the desired Submission using the **checkboxes** on the left hand side of the screen. To select all sample on the page click on the header checkbox.

Outstanding Sample Submissions list

Tracking Number  Logged Date From Date  To Date

Unprinted Submissions  
 Deleted Submissions  
 Outstanding Submissions - Not Received  
 Outstanding Submissions - Received by Lab

Clear All Search

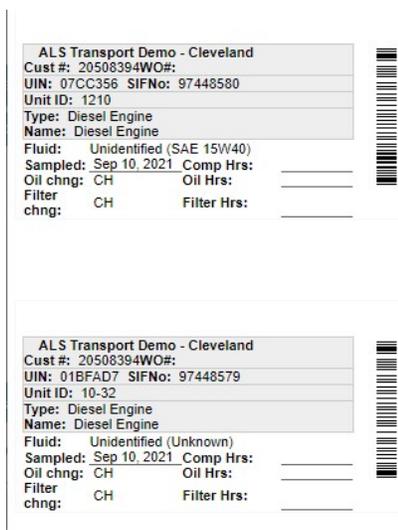
<input type="checkbox"/>	Logged Date	Date Sam...	Com... Name	Tracking Number	Unit Id	Site	Com... Name	UIN Num...	User Name	Unit Serial Num...	Com... Type
<input checked="" type="checkbox"/>	01 Nov 2022	31 Oct 2022	ALS Transport Demo - Cleveland	98511695	1210		Diesel Engine	07CC356	Maria Chavez		Diesel Engine
<input checked="" type="checkbox"/>	01 Nov 2022	31 Oct 2022	ALS Transport Demo - Cleveland	98511694	10-32		Diesel Engine	01BFAD7	Maria Chavez		Diesel Engine
<input type="checkbox"/>	12 Jul 2022	12 Jul 2022	ALS Transport Demo - Muswellb...	98218751	xpto01	brisbane	test	05C6194	Service Service		Unknown
<input type="checkbox"/>	12 Jul 2022	12 Jul 2022	ALS Transport Demo - Muswellb...	98218750	xpto01	brisbane	test	05C6192	Service Service		Unknown



After selecting the samples under **Further Actions** select the label. To display the list of labels, click on the down arrow next to **Print Selection**.



Upon selection of the label a print screen pop up will appear. From this screen the labels may be printed to the desired printer.



### 3.4.2 Deleted Submissions

**Deleted Submissions** may be displayed by clicking on Deleted Submissions **radio button** and clicking **Search**. Should the Submission need to be restored, select the samples by clicking on the check boxes on the right hand side of the screen.

Outstanding Sample Submissions list

Tracking Number  Logged Date

Unprinted Submissions  
 Deleted Submissions  
 Outstanding Submissions - Not Received  
 Outstanding Submissions - Received by Lab

Clear All

<input type="checkbox"/>	L... D...	D... S...	C... N...	Tracking Number	Unit Id	Site	C... N...	UIN N...	Pr... D...	U... N...	Unit S... N...	C... T...
<input type="checkbox"/>	26 Jan 2022	26 Jan 2022	ALS Transp... Demo - Musw...	4555	052819		060217 Engine	073B617	26 Jan 2022	Maria Chavez		Trans...
<input type="checkbox"/>	23 Feb 2020	01 Feb 2020	ALS Transp... Demo - Clevel...	96068653	1704		Diesel Engine	01BFB...	23 Feb 2020	Asset Manag...		Diesel Engine

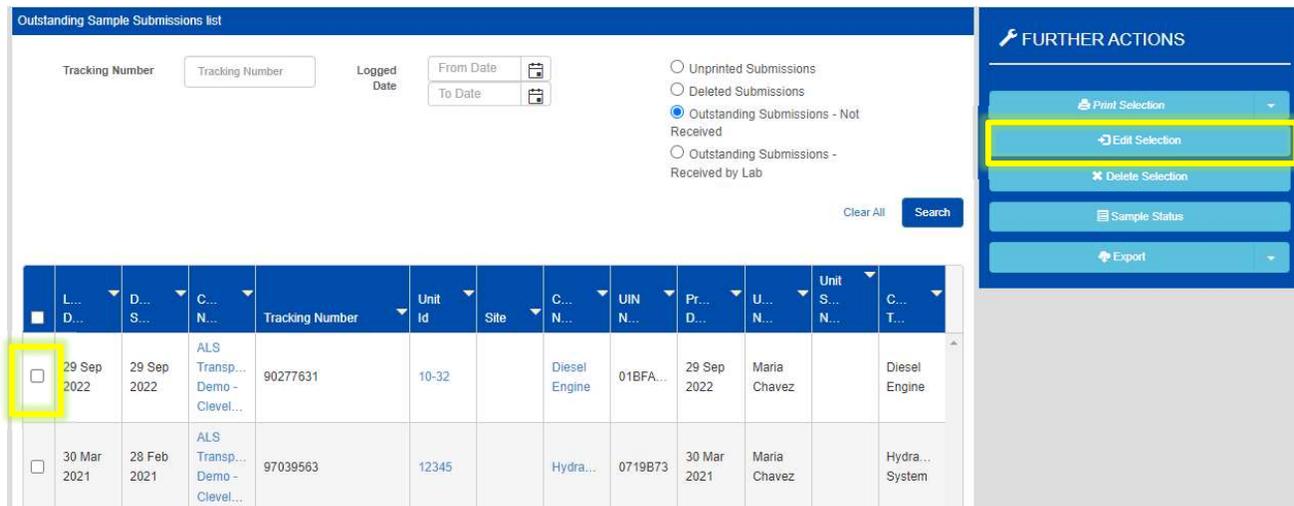
Once a selection is made, click on **Undo Delete** under **Further Actions**.

**FURTHER ACTIONS**

### 3.4.3 Outstanding Submissions – Not Received

This are samples that have **not yet arrived** at the lab. Changes or Reprinting may be made to the **Sample Submission**, if needed.

- To **Reprint a Submission** click on the check box for the desired **Submission**, click on **Print Selection** under **Further Actions**.
- To **Edit a Submission** click on the check box for the desired **Submission**, click on **Edit Selection** under **Further Actions**.



Outstanding Sample Submissions list

Tracking Number:  Tracking Number

Logged Date: From Date:  To Date:

Unprinted Submissions  
 Deleted Submissions  
 Outstanding Submissions - Not Received  
 Outstanding Submissions - Received by Lab

Clear All Search

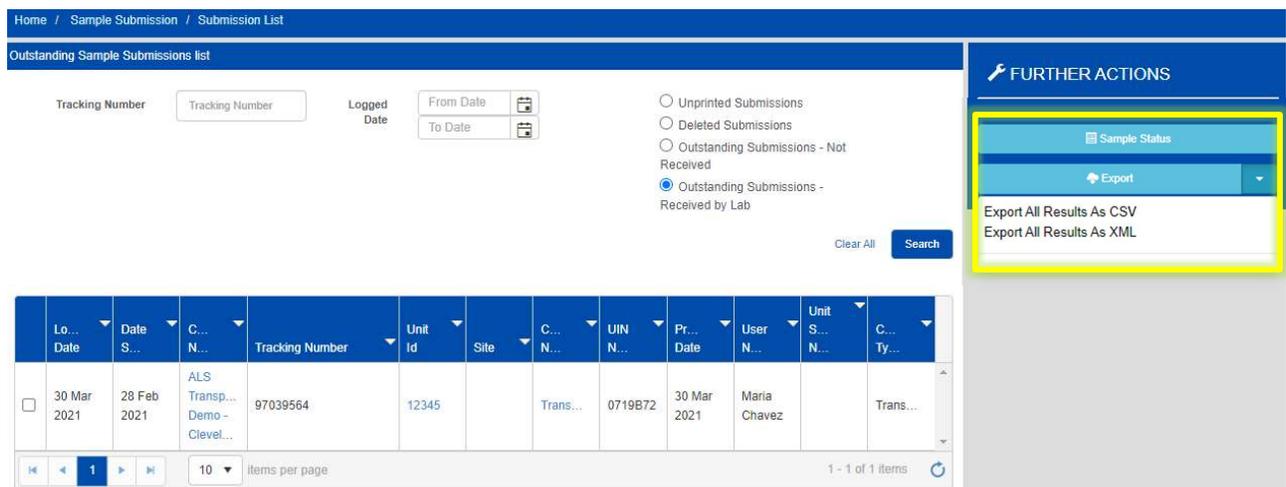
<input type="checkbox"/>	L... D...	D... S...	C... N...	Tracking Number	Unit Id	Site	C... N...	UIN N...	Pr... D...	U... N...	Unit S... N...	C... T...
<input type="checkbox"/>	29 Sep 2022	29 Sep 2022	ALS Transp... Demo - Clevel...	90277631	10-32		Diesel Engine	01BFA...	29 Sep 2022	María Chavez		Diesel Engine
<input type="checkbox"/>	30 Mar 2021	28 Feb 2021	ALS Transp... Demo - Clevel...	97039563	12345		Hydra...	0719B73	30 Mar 2021	María Chavez		Hydra... System

FURTHER ACTIONS

- Print Selection
- Edit Selection**
- Delete Selection
- Sample Status
- Export

### 3.4.4 Outstanding Submissions – Received by Lab

Samples in this list have been received at the lab, no changes are allowed at this stage. The list may be exported as CSV or XML format. Sample Status may be accessed under Further Actions menu.



Home / Sample Submission / Submission List

Outstanding Sample Submissions list

Tracking Number:  Tracking Number

Logged Date: From Date:  To Date:

Unprinted Submissions  
 Deleted Submissions  
 Outstanding Submissions - Not Received  
 Outstanding Submissions - Received by Lab

Clear All Search

<input type="checkbox"/>	Lo... Date	Date S...	C... N...	Tracking Number	Unit Id	Site	C... N...	UIN N...	Pr... Date	User N...	Unit S... N...	C... Ty...
<input type="checkbox"/>	30 Mar 2021	28 Feb 2021	ALS Transp... Demo - Clevel...	97039564	12345		Trans...	0719B72	30 Mar 2021	María Chavez		Trans...

1 10 items per page 1 - 1 of 1 items

FURTHER ACTIONS

- Sample Status
- Export
- Export All Results As CSV
- Export All Results As XML