LOAMS
Lube Oil Analysis Management System

Quick Start Guide
Understanding the Reports Available in LOAMS

○ Objectives:

1   Identify the reporting tools available in LOAMS

2   Understand the graphing options available to visualize your sample data

3   Gain actionable insights from your data using LOAMS

Reports: Features & Functionalities

○ The reporting options available in LOAMS were designed to help you gain a comprehensive understanding of your sample data. In this quick start guide, we'll review the list of reports that can be generated in LOAMS and review brief descriptions of the functionalities of each report.

✎ Please note, you can access the list of reports by hovering your cursor over the reports tab and selecting the managements reports option from the drop down menu. The reporting options will vary depending on the level of access you have as a user.

Management Reports

✓ There are (9) reports that are classified under the management reports category:

○ Transit Time Summary

○ Sample Volume by Worksite

○ Sample Volume by Worksite by Component

○ Unregistered Units and Components

○ Components with No Product in Use
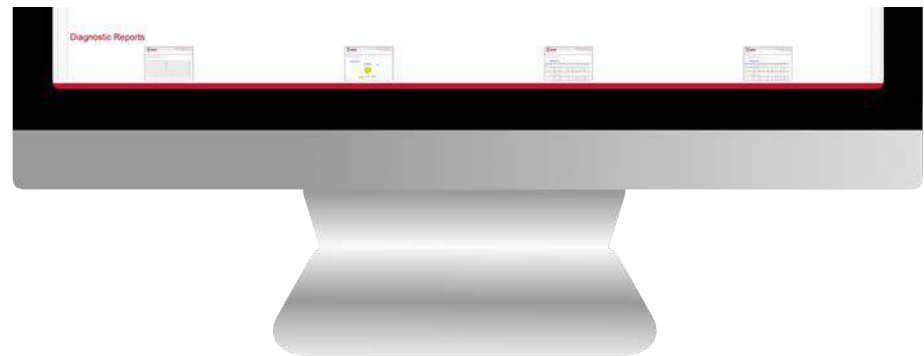
○ Samples with No Sample Date

○ Samples with No Lube Age

○ Sample labels

○ Action Taken Summary Report

Management Reports

Transit Time Summary | Sample Volume by Worksite | Sample Volume by Worksite by Component | Unregistered Units and Components

Components With No Product In Use | Samples With No Sampled Date | Samples With No Lube Age | Sample Labels

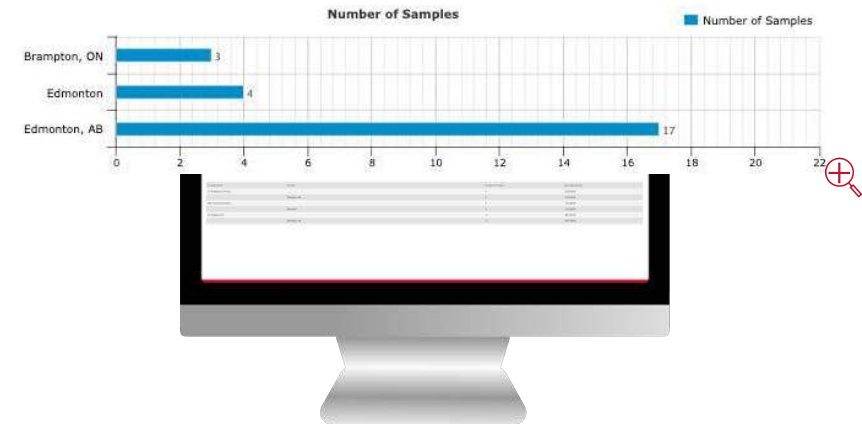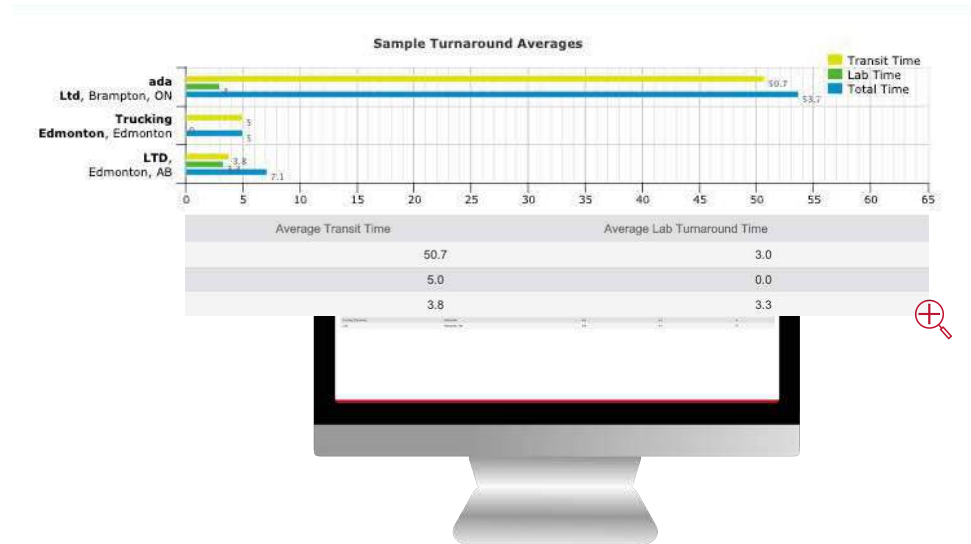Action Taken Summary Report

Diagnostic Reports

Management Reports

✓ The management reports provide a comprehensive view of all the data your oil analysis program generates. Management reports include:

○ **Transit Time Summary**

The transit time report summarizes sample transit times for a given time period.

○ **Sample Volume by Worksite**

The sample volume by worksite report details the number of samples completed for worksites or specific locations in a given time period.

Sample Turnaround Averages

	Average Transit Time	Average Lab Turnaround Time
	50.7	3.0
	5.0	0.0
	3.8	3.3

Number of Samples

Management Reports

○ Sample Volume by Worksite by Component

The sample volume by worksite by component report details the number of samples completed for worksites — at the component level — for a given time period.

○ Unregistered Units and Components

The unregistered units and components report provides a list of units and components with missing registration information, by worksite or specific location, for a given time period.

Management Reports

○ **Components with No Product in Use**

The components with no product in use report provides a list of worksites, Unit ID, component and last sample date for samples submitted with incorrect or no oil information.

○ **Samples with No Sample Date**

The samples with no sample date report lists worksites, unit ID, component and sample-received date for samples received without a sample-taken date – for a given time period.
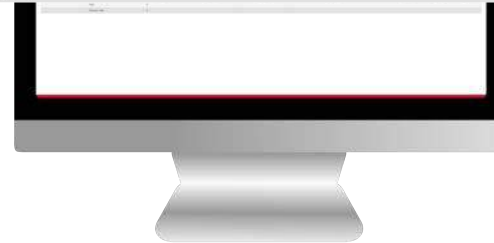
Management Reports
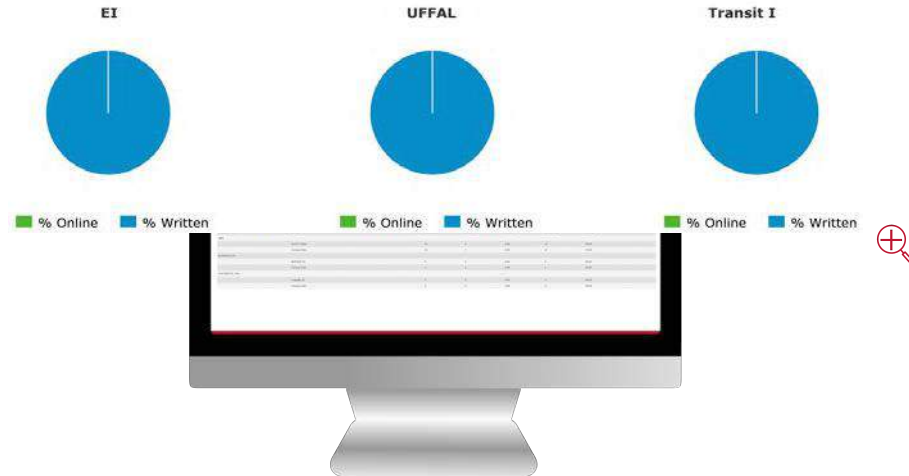
○ **Samples with No Lube Age**

The samples with no lube age reports lists worksites and samples (unit ID, component, sample date) for samples received without a lube age – for a given time period.

Company Name	Worksite	Unit ID	Unit Make	Unit Model	Component	Position	Sample ID	Date Sampled	Lube Age	Comp Age	Age UOM	Lube Mnt	Severity
B													
	BUFFALO, NY												
		1-1 AFTER	Unknown/Unspecified	UNKNOWN	ENGINE		201806180371			196	HR	S	Monitor
		1-1BEFORE	Unknown/Unspecified	UNKNOWN	ENGINE		201806180370			0	H	S	Monitor
		2-2 AFTER	Unknown/Unspecified	UNKNOWN	ENGINE		201806180373			113	HR	S	Monitor
		2-2 BEFORE	Unknown/Unspecified	UNKNOWN	ENGINE		201806180372			0	HR	S	Monitor
		3-1 AFTER	Unknown/Unspecified	UNKNOWN	ENGINE		201806180375			300	HR	S	Monitor
		3-1 BEFORE	Unknown/Unspecified	UNKNOWN	ENGINE		201806180374			0	HR	S	Monitor
		Total:	6										
		Company Total:	6										

○ **Sample Labels**

The sample labels report provides a visualization of the number of hand-written labels received vs. labels generated online by worksite – for a given time period.

EI   UFFAL   Transit I

■ % Online   ■ % Written   ■ % Online   ■ % Written   ■ % Online   ■ % Written

Management Reports

○ **Action Taken Summary Report**

The action taken summary report details the actions taken by one user or multiple users regarding the results of a particular sample.

Severity Status (Abnormal: 31 / 75)

- No Action: 10 (32.3%)
- Open: 15 (48.4%)
- Pending: 6 (19.4%)

Severity Status (Critical:

- No Action: 6 (28.6%)
- Open: 10 (47.6%)
- Pending: 5 (23.8%)

Severity Status (Monitor: 23 / 75)

- Closed: 1 (4.3%)
- No Action: 12 (52.2%)
- Open: 2 (8.7%)
- Pending: 8 (34.8%)

Closed Reports Finc

- Found Issue 1 (100%)

Diagnostic Reports

✓ There are (8) reports that are classified under the diagnostic reports category:

- ○ Acceptable vs. Unacceptable - All Components
- ○ Samples by Severity (by Component)
- ○ All Critical Results
- ○ Samples Flagged for Coolant
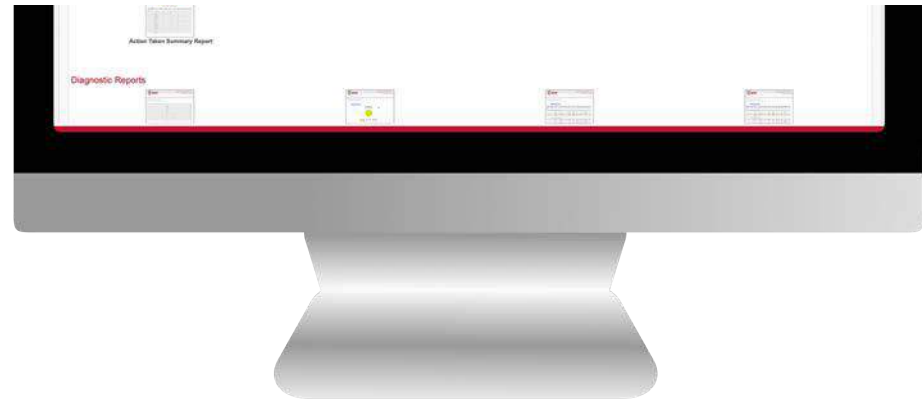- ○ Engines, Hydraulics and Transmission with Dirt
- ○ Critical Oxidation and Nitration Levels
- ○ Critical Fuel Contamination
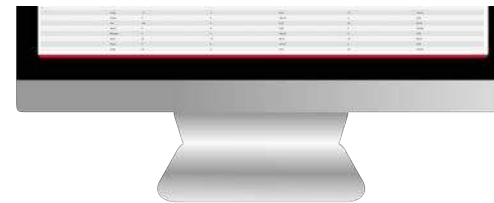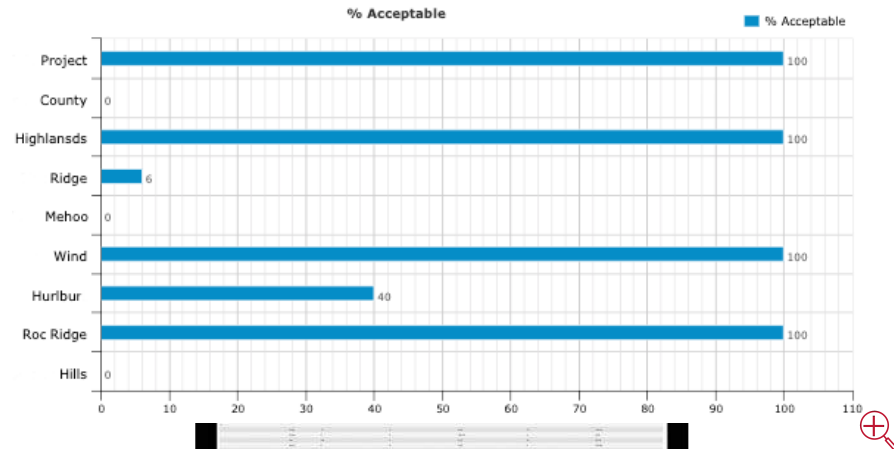- ○ Overdue Components

Diagnostic Reports

○ **Acceptable vs. Unacceptable (All Components)**

This report lists worksites and acceptable vs. unacceptable samples – for a given time period.

○ **Samples by Severity (by Component)**

This report displays all severity results by worksite by component – for a given time period.

Diagnostic Reports

○ All Critical Results

The all critical results report details all critical results by worksite and by component – for a given time period.
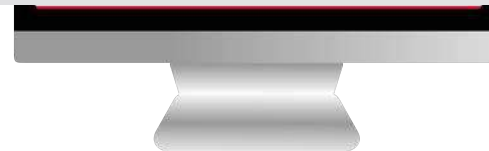
Company Name	Worksite	Unit ID	Component	Position	Make Model	Comp Age	Lube Age	Age UOM	Severity	Date Sampled
R.										
	Amhe									
		R1808702	-		-	0	0	H	Critical	
		R1809330	-		-	0	0	H	Critical	
		R1809248	-		-	0	0	H	Critical	
	Total	3								

○ Samples Flagged for Coolant

The sample flagged report displays samples flagged for coolant including sodium, potassium and glycol levels – for a given time period.

Company Name	Worksite	Unit ID	Component	Position	Make	Model	Comp Age	Age UOM	Date Sampled	Lube Age	Lube Mnt	Severity	NA - Sodium	K - Potassium	Glycol
A															
	Do														
		JO	ENGINE		Toyota	RU	0	H				C	Normal	221	54
		Total	1												

Diagnostic Reports

O **Engines, Hydraulics and Transmission with Dirt**

This report provides an overview of all the samples flagged for dirt including Silicon (Si) level – for a given time period.
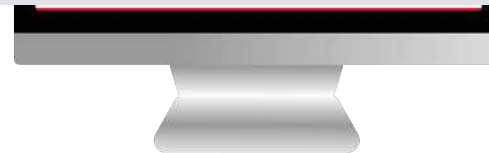

Company Name	Worksite	Unit ID	Component	Position	Date Sampled	Make	Model	Comp Age	Age UOM	Lube Age	Lube Mnt	Si PPM	Severity
B													
	BUFFALO, NY												
		1009	DIESEL ENGINE		04/29/2019	Cummins	L9	518	HR	518	C	34	Monitor
		1504 / 147	ENGINE		06/19/2018	International	5400	11378	HR	282	S	21	Normal
		1504 / 147	ENGINE		07/25/2018	International	5400	11516	HR	426	C	29	Normal
		2008	DIESEL ENGINE		12/06/2018	Cummins	L9	508	HR	508	S	30	Monitor
		2009	DIESEL ENGINE		12/06/2018	Cummins	L9	471	HR	471	S	38	Monitor
		sld 1001 / 150	ENGINE		02/21/2018	International	MAXXFORCE 10	13125	HR	234	C	26	Monitor
		sld 1001 / 150	ENGINE		09/25/2018	International	MAXXFORCE 10	14313	HR	575	C	30	Abnormal
		sld 161	TRANSMISSION		01/26/2018	Peterbilt	367	15520	HR	1200	S	35	Abnormal
		Total											

O **Critical Oxidation and Nitration Levels**

This report provides a list of all samples with critical levels of oxidation and nitration – for a given time period.

Company Name	Worksite	Unit ID	Component	Position	Date Sampled	Mske	Model	Comp Age	Age UOM	Lube Age	Lube Mnt	Ox Abs	Nit Abs	Severity
N														
	Edmonton, AB													
		PO: 36792	GEARBOX		07/11/2018	Unknown/Unspecified	-	0	HR		S	>25	6	Monitor
		Total:	1											

Diagnostic Reports

○ **Critical Fuel Contamination**

This report provides a list of all samples with fuel contamination levels exceeding 4% with decreases in oil viscosity – for a given time period.

○ **Overdue Components**

This report identifies all the components that have not been sampled and need to submitted for analysis.

LOAMS — The Lube Oil Analysis Management System — by Bureau Veritas gives you access to real-time oil analysis data from your computer, tablet or mobile device. LOAMS is:

Cloud-Based — Multiple graphing functions allow users to create custom graphs to plot trends and compare equipment.

Scalable — LOAMS can be scaled to match your needs.

Configurable — Data access, user permissions and system functionalities can be configured by user or company.

Customizable — Users can customize the application to manage data according to individual needs and preferences.

Simple — User-friendly interface provides a simple and easy-to-use application for all skill levels.

LOAMS SUPPORT DESK

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Download the LOAMS Mobile App today: