



# 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



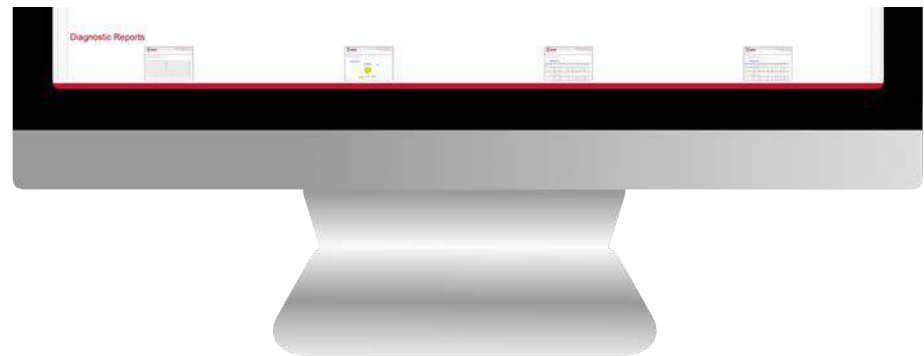
Samples With No Lube Age



Sample Labels



Action Taken Summary Report





## Management Reports

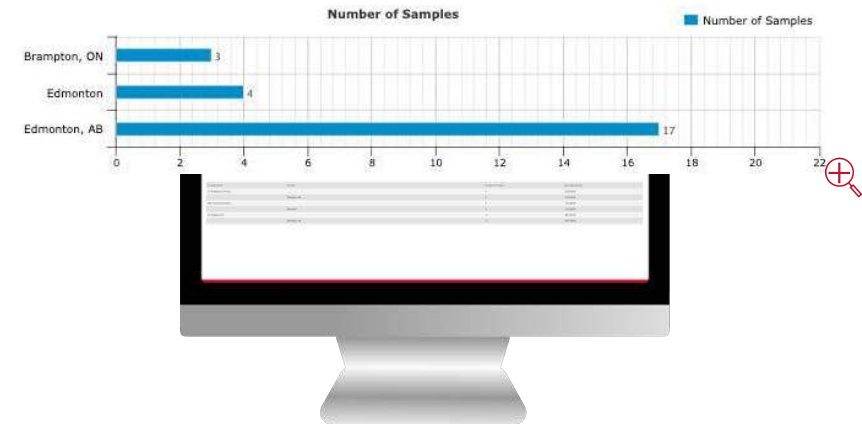
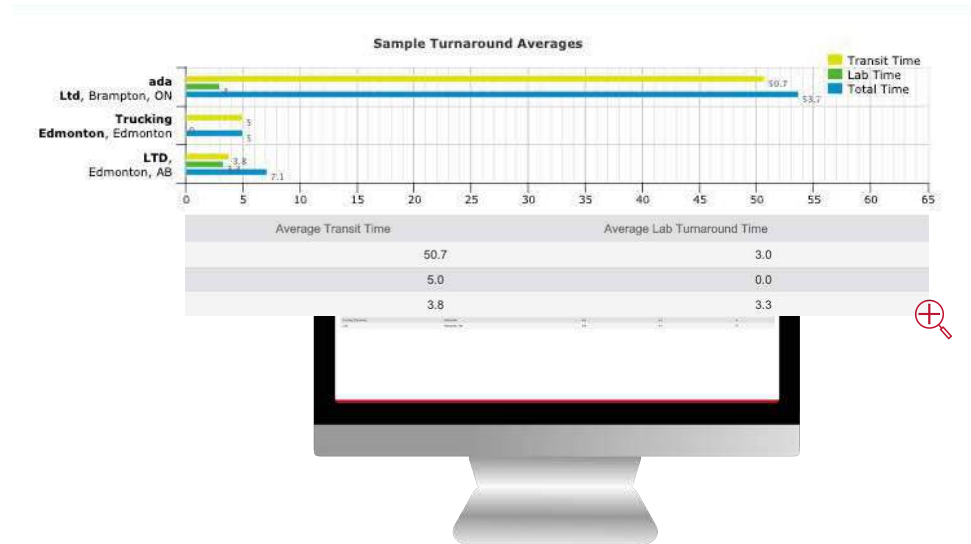
- ✓ The management reports provide a comprehensive view of all the data your oil analysis program generates. Management reports include:

- **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.





## 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.



Company Name	Worksite	Site Last Sampled Date	Component	Number of Samples	Worksite
Air Pro	Brampton, ON	05/21/2019	COMPRESSOR	2	Brampton, ON
			COOLANT	1	
			Total	3	
AB	Edmonton	12/12/2018	TRANS-AUTO	1	Edmonton
			STEERING	1	
			ENGINE	1	
			HYDRAULIC	1	
Total	4				
Air	Edmonton, AB	06/11/2019	COMPRESSOR	8	Edmonton, AB
			COOLANT	3	
			FLUID COUPLING	3	
			FAN/MOTOR COMB SYS	1	
			Total	17	

### ○ 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.




Company Name	Worksite	Unit ID	Unit Make	Unit Model	Component	Comp Make	Position	Last Sampled Date
Air Pro	Brampton, ON	K601	Atlas Copco	-	COMPRESSOR	Atlas Copco		01/11/2019
		Y902	HydraRak	-	COOLANT	HydraRak		05/21/2019
AB	Edmonton	MK0174	Allison	4500	STEERING	-		12/12/2018
		MK0174	Allison	4500	DIESEL ENGINE	-		12/12/2018
		MK0174	Allison	4500	HYDRAULIC	London		12/12/2018
Air	Edmonton, AB	200-K211	Robinson	-	FLUID COUPLIN	Howden		05/11/2019
		200-K212	Robinson	-	FLUID COUPLIN	Howden		06/11/2019
		200-T901	Unknown/Unr	-	COOLANT	Unknown/Unspecified		05/11/2019
		K211	Robinson	AF 1024-1	ID FAN			03/20/2019
		K212	Robinson	PE AF T32	FD FAN			03/20/2019
		K601	Unknown/Unr	UNKNOWN	COMPRESSOR	Robinson		03/20/2019
		T901	Unknown/Unr	-	COOLANT	Unknown/Unspecified		06/11/2019



## 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.



Company Name	Worksite	Unit ID	Date Sampled	Component	Position	Make	Model	Fluor/Mfr	Brand	Grade	Comp Age	Life Age	Age UOM
S													
Ido - AFRICA													
		S	01/23/2019	THPP	-	TUG	SHELL				2897	29129	HR
			Total:	1									
			Company Total:	1									
SL													
Operational - AFRICA													
		SL	12/14/2018	THPP	-	TUG	SHELL	#6			1940	613	HR
			Total:	1									
			Company Total:	1									
HARR													
Operational - AUSTRALIA													
		HAR	04/02/2019	THPP	-	TUG	SHELL	ISO 15			13354	2146	HR
			Operational - AUSTRALIA Total:	1									
			Company Total:	1									
LAM													
Operational - NIGERIA													
		LAM	12/06/2018	ENGINE	-	TUG	TOTAL				1922	489	HR
			Total:	1									
			Company Total:	1									

### ○ 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.



Company Name	Worksite	Unit ID	Date Received	Component	Position	Make	Model	Severity
B								
BUFFALO, NY								
		1-BEFORE	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
		1-1 AFTER	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
		2-2 BEFORE	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
		2-2 AFTER	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
		3-1 BEFORE	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
		3-1 AFTER	06/18/2018	ENGINE		Unknown/Unspecified	UNKNOWN	Monitor
			Total:	6				
			Company Total:	1				

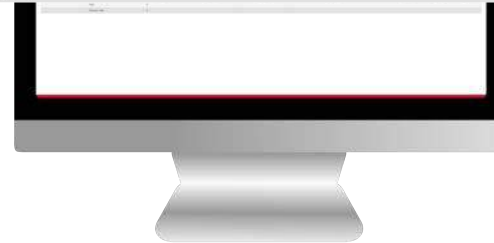


## Management Reports

### ○ Samples with No Lube Age

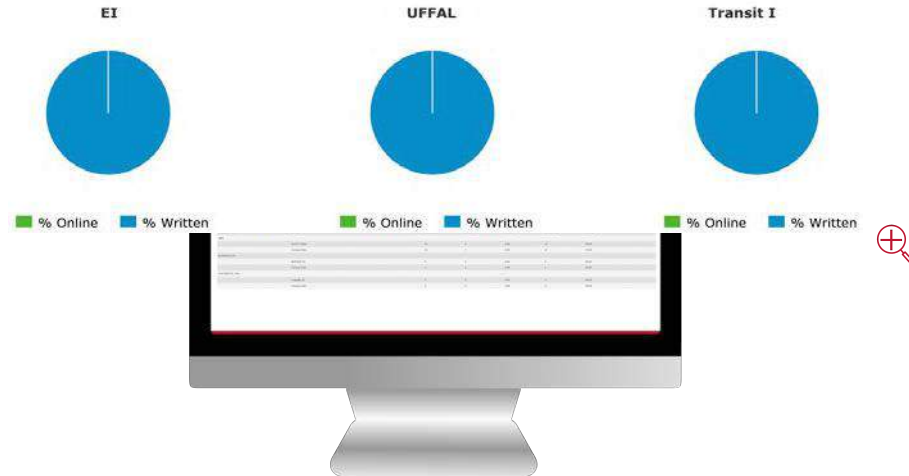
The samples with no lube age reports lists worksites and samples (unit ID, component, sample date) for samples received without a lube age – for a given time period.

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
		1-1 BEFORE	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
		Totals:							6				
		Company Totals:							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.









## 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



Samples by Severity (by Component)



All Critical Results



Samples Flagged For Coolant



Engines, Hydraulics and Transmission with Dirt



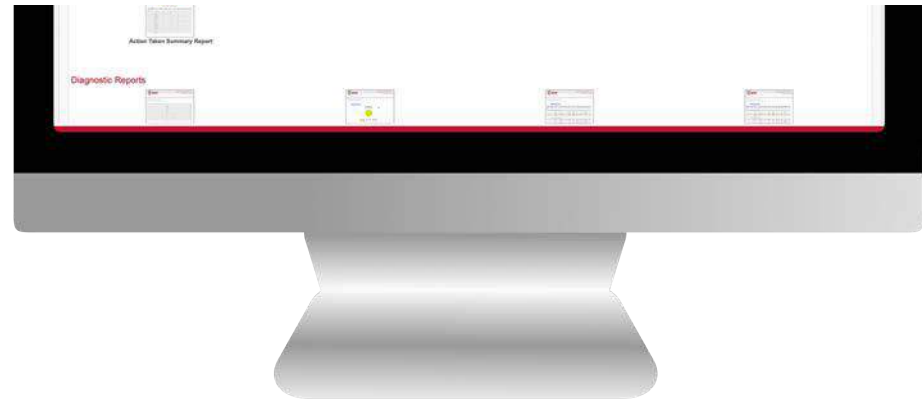
Critical Oxidation & Nitration Levels



Critical Fuel Contamination



Overdue Components

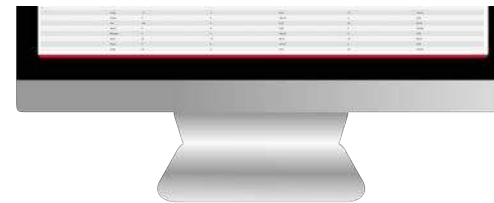
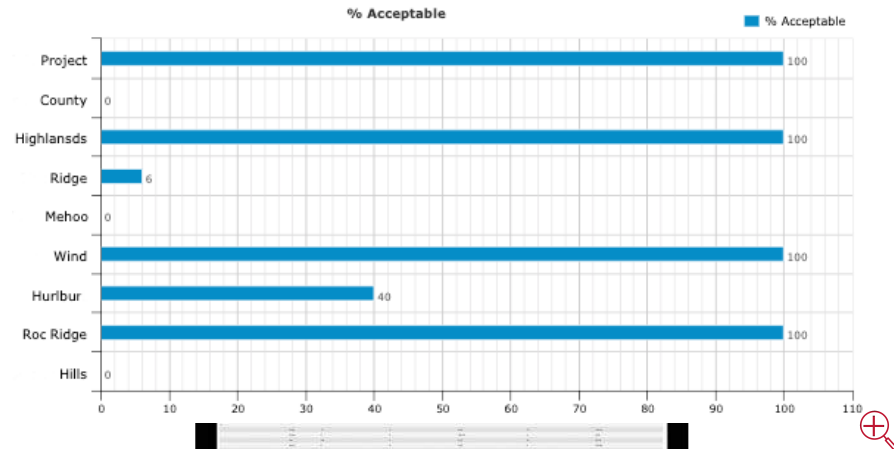




## Diagnostic Reports

### ○ 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.

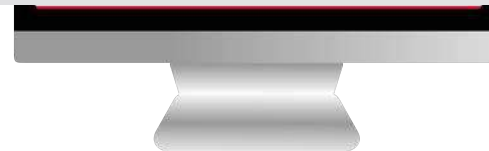
Company Name	Worksite	Unit ID	Component	Position	Make Model	Comp Age	Lube Age	Age UOM	Severity	Date Sampled
R.										
	Amhe									
		R1808702	-		-	0	0	H	Critical	
		R1809330	-		-	0	0	H	Critical	
		R1809248	-		-	0	0	H	Critical	
		<b>Total</b>	<b>3</b>							



### ○ 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	
		<b>Total</b>	<b>1</b>												





## Diagnostic Reports

### 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.

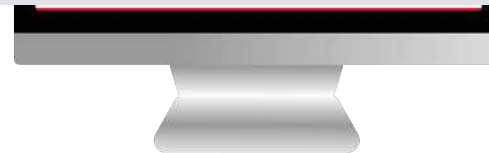
Company Name	Worksite	Unit ID	Component	Position	Date Sampled	Make	Model	Comp Age	Age UOM	Lube Age	Lube Mnt	Si PPM	Severity
B													
BUFFALO, NY													
		1009	DIESEL ENGINE		04/29/2019	Cummins	L9	518	HR	518	C	34	Monitor
		1504 / 147	ENGINE		06/19/2018	International	5400	11378	HR	282	S	21	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:											



### 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	Make	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:												





## 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.

Company Name	Worksite	Unit ID	Component	Position	Date Sampled	Make	Model	Comp Age	Age UOM	Lube Age	Lube Mnt.	% Fuel	Severity
R													
Edmonton, AB													
		1902 / 156	DIESEL ENGINE		07/25/2016	International	MAXX FORCE 9	12566	HRL	307	S	6.3	Abnormal
		slid 1001 / 150	ENGINE		06/07/2016	International	MAXXFORCE 10	13728	HRL	912	C	6.9	Abnormal
		slid 1001 / 150	ENGINE		09/25/2016	International	MAXXFORCE 10	14313	HRL	575	C	7.2	Abnormal
		slid 222	ENGINE		12/20/2017	International	MAXXFORCE DT	9074	HRL	439	S	4.5	Monitor
		slid Mack	ENGINE		11/10/2017	Mack	480 E7	19001	HRL	470	S	6.8	Abnormal
		9300 / 501	ENGINE		29/29/2017	Ford	F550	207716	KI	13473	S	6.9	Abnormal
		5000 / 501	ENGINE		04/04/2016	Ford	F550	232767	KI	5048		7.6	Abnormal
		Total										7	






### ○ Overdue Components

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

Company Name	Worksite	Unit ID	Last Date Sampled	Component	Position	Make	Model	Sample Frequency	Due Date	Days Overdue
SL										
Operational - ME										
		SL	04/10/2019	HPU	-	TUG	90		07/09/2019	34
		SL	04/10/2019	HPU	-	TUG	90		07/09/2019	34
		SL	04/10/2019	DECK CRANE	-	TUG	90		07/09/2019	34
		SL	12/10/2018	ENGINE	-	TUG	90		03/10/2019	155
		SL	04/10/2019	ENGINE	-	TUG	90		07/09/2019	34



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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