

MAINTelligence Lubrication History (By Route)

Route	PRS-LW1	Press Area Lubrication										
Equipment PMP-2101	Station 1 Fire Pump											
Date	Status	Lube Tech	Lube/Grease	Application	Prts	Added	YTD Amt	Units	Sched	Weekly	Status	
23-Feb-07	Normal	Alpha	MOBIL 1 GRS	Grease Gun	2						None	
23-Feb-07	Normal	Beta	MOBIL 1 GRS	Grease Gun	2						The junk fittings are worn, very difficult to get grease into the bearing.	
23-Feb-07	Normal	Steve	MOBIL 1 Synthetic Grease	Grease Gun	2							
PMP-2101-PMP Pump Reservoir	NUTO H46	NUTO H46		Check Level: Add if Necessary					Sched:	Monthly	Status:	None
Date	Status	Lube Tech	Lube/Grease	Application	Prts	Added	YTD Amt	Units	Sched	Weekly	Status	
23-Feb-07	Normal	Alpha	NUTO H46	Fil Can	0	1.1	3.3	gal (US)				
23-Feb-07	Normal	Beta	NUTO H46	Fil Can	0	1.0	2.2	gal (US)			Leak/Hydraulic Fluid Leak At	
17-Jan-07	Normal	Steve	NUTO H46	Fil Can	1	1.2	1.2	gal (US)				
22-Nov-06	Undetermined	Steve	NUTO H46	Fil Can	1	0.1	3.0	gal (US)				
19-Sep-06	Undetermined	Steve	NUTO H46	Fil Can	1	0.8	2.8	gal (US)				
10-May-06	Undetermined	Steve	NUTO H46	Fil Can	1	1.1	1.9	gal (US)				
21-Feb-06	Undetermined	Steve	NUTO H46	Fil Can	1	0.8	0.8	gal (US)				
Equipment PMP-2102	Station 2 Fire Pump											
Date	Status	Lube Tech	Lube/Grease	Application	Prts	Added	YTD Amt	Units	Sched	Weekly	Status	
23-Feb-07	Normal	Alpha	MOBIL 1 GRS	Grease Gun	2						None	
23-Feb-07	Caution	Beta	MOBIL 1 GRS	Grease Gun	2							
PMP-2102-PMP Pump Reservoir	NUTO H46	NUTO H46		Check Level: Add if Necessary					Sched:	Monthly	Status:	None
Date	Status	Lube Tech	Lube/Grease	Application	Prts	Added	YTD Amt	Units	Sched	Weekly	Status	
23-Feb-07	Normal	Alpha	NUTO H46	Fil Can	0	0.0	0.0	gal (US)				
23-Feb-07	Normal	Beta	NUTO H46	Fil Can	0	0.8	0.8	gal (US)				

You can use results from your oil analysis program to trigger additional or subsequent lubrication tasks immediately – MAINTelligence is the ONLY lubrication management system designed to trigger / manage lubrication tasks based on lubrication condition, as well as on a predefined lubrication schedule.

The lubrication management function will also work hand-in-hand with other MAINTelligence capabilities such as vibration analysis, thermography, ultrasonic leak/bearing checks and machinery (visual) inspections. MAINTelligence is the only system that allows the lubrication specialist access to ALL the information he needs to maintain a modern fluid management program.

Lubrication Logistics

MAINTelligence offers tools for lubricant storage and stock level management. MAINTelligence stores lubrication specification information (viscosity, pour point, SAE number, etc.). Lubricants can be stored in one unit (barrels, cans, etc.) and distributed in another unit such as ounces or grease shots. The amount of lubrication added to a particular asset or reservoir can be tracked, and alarms raised if lubricant consumption is above a predefined level.

Lubrication Rounds

Lubrication rounds can be managed within MAINTelligence using traditional printed check forms, or, you can use MAINTelligence with InspectCE rugged handhelds to automate lubrication management, turning it from an error-prone manual chore to a predictable, automated process.

Download lubrication management routes to the handheld unit (eliminate printing!), and upload the completed rounds. Following a predefined route or scanning barcodes on the machines, the lubrication task is accessed immediately.

The lubrication technician has the option to enter the amount and type of lubricant, time spent at the machine, and any notes for further action needed. After upload, the task is then posted to lubrication history—automatically.

- Eliminate Paperwork and Reduce Costs
- Reduce the level of effort involved in updating / posting lubrication tasks.
- Improve accuracy of data by identifying assets using barcode/RFID.
- Eliminate lost or duplicate lubrication tasks and data-entry errors / backlogs.
- Improve the ability to review the status of lubrication routes in-progress
- Boost productivity and employee program ownership by eliminating paperwork and improving data collection.



Lubrication Sample Management and Analysis

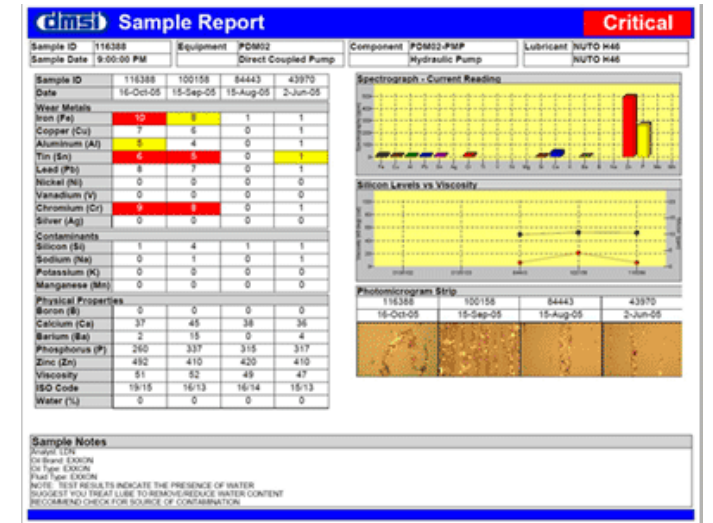
MAINTelligence is the world's leading system for lubricant analysis—used extensively by laboratories in process and discrete industries for mission-critical lubricant analysis programs throughout the world. With an extensive library of lubricant data and a wide range of lubricant test types, MAINTelligence is an ideal tool for managing your on-site or off-site laboratory-based lubricant analysis and contamination control programs. MAINTelligence offers complete control over the sampling cycle, from generating sample bottle labels (complete with bar codes), all the way through to electronic import of your sample results. It has interfaces to all major lubricant testing laboratories, and many popular on-site sampling instruments.

- Schedule and manage oil samples, whether those are tested using in-house equipment or sent to an external laboratory.
- Create sample labels that match the labels used by any oil analysis laboratory.
- Create sample reports that match the reports sent to the user from any oil analysis laboratory.
- Includes a predefined library of lubricant specifications.
- Displays data showing all results from a single oil sample on the screen at one time.

Data Displays and Reporting

MAINTelligence's lubricant analysis database can handle:

- ALL lubrication test results
- All ASTM tests (water, TAN, soot etc.)
- Spectrography (ICP and rotating disc)
- Particle counts (2-part / 3-part ISO code, NAS, SAE, particle distribution histograms, particle size)
- Viscosity (absolute and kinematic)
- FTIR Spectroscopy
- Ferrography (both direct reading and analytical ferrography)
- Remaining Useful Life (RUL) calculations
- RBOT
- Many laboratory proprietary tests



Our comprehensive and innovative system is the choice of industry respected lubrication authorities. Look to MAINTelligence to organize and bring your lubrication management efforts to the leading-edge, preventing downtime, saving energy costs, maximizing employee productivity and retaining the precious knowledge of an aging workforce.

