# CONSTRUCTION EQUIPMENT

#### [(362421)] LIEBHERR R936 052811-1828 - Diesel Engine

Sample No: LH0260927

Oil Type:

### **SAMPLE INFORMATION**

NOT GIVEN

Sample Number	LH0260927	 	
Sample Date	29 Jun 2023	 	
Machine Hours	1144	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	

OILC	ONDITION			
/isc @ 100°C	cSt	11.7	 	
Oxidation (PA)	%	77	 	

		<b>FION</b>		
Soot %	%	0	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	0 1.5	 	
Silicon	ppm	06	 	
Sodium	ppm	04	 	
Potassium	ppm	<b>○</b> <1	 	

## 

Iron	ppm	04	 	
Copper	ppm	<b>5</b>	 	
Lead	ppm	<b>○</b> <1	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	01	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>5</b> 7	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

#### ADDITIVES

Calcium	ppm	<b>863</b>	 	
Magnesium	ppm	0 1121	 	
Zinc	ppm	0 1190	 	
Phosphorus	ppm	0 1058	 	
Barium	ppm	03	 	
Boron	ppm	<b>52</b>	 	





10 CHEMIN DU PETIT BERNIER ST-JEAN-SUR-RICHELIEU, QC CA J3B 6Y8 Contact: Service Manager

T: F:

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot:P'Unique No:56Signed:KaReport Date:04

PYR10STJ 5604547 Kevin Marson 04 Jul 2023

Report Id: PYR10STJ [WCAMIS] 02567501 (Generated: 07/05/2023 13:30:13) Rev: 1

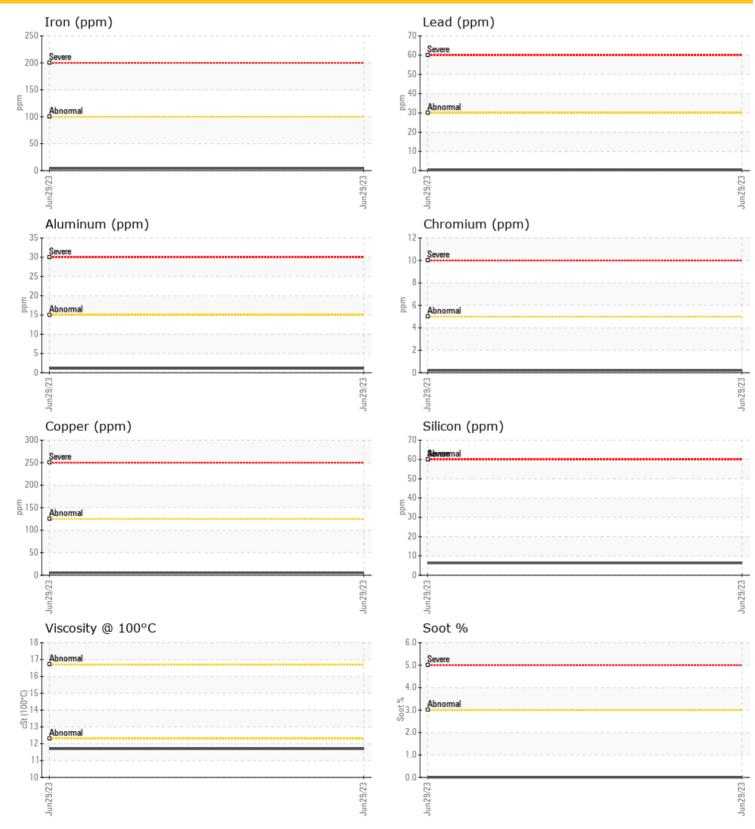
Submitted By: Olivier Galimi





GRAPHS

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