

LIEBHERR L550 73916 - Diesel Engine

11.7

212

Sample No: LH0270421

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	LH0270421	 	
Sample Date	17 Sep 2023	 	
Machine Hours	583	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

Visc @ 100°C cSt

%

Visc @ 100°C Oxidation (PA)

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	CONTAMINATION							
Soot %	%	0						
Nitration (PA)	%	98						
Sulfation (PA)	%	112						
Glycol	%	NEG						
Fuel	%	0 1.4						
Silicon	ppm	0 11						
Sodium	ppm	0 2						
Potassium	ppm	0 5						

WEAR METALS

Iron	ppm	12	 	
Copper	ppm	258	 	
Lead	ppm	10	 	
Tin	ppm	02	 	
Aluminum	ppm	3	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0 46	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

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Calcium	ppm	0 1375	 		
Magnesium	ppm	939	 		
Zinc	ppm	0 849	 		
Phosphorus	ppm	0 718	 		
Barium	ppm	0 33	 		
Boron	ppm	0 75	 		





LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Steve Lehto steve.lehto@liebherr.com T: (905)319-9222 F: (905)319-6617

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the brand, type, and viscosity of the oil on your next sample.Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5644161Signed:Bill QuesnelReport Date:19 Sep 2023

Report Id: LIEMIS [WCAMIS] 02583096 (Generated: 09/19/2023 19:16:22) Rev: 1

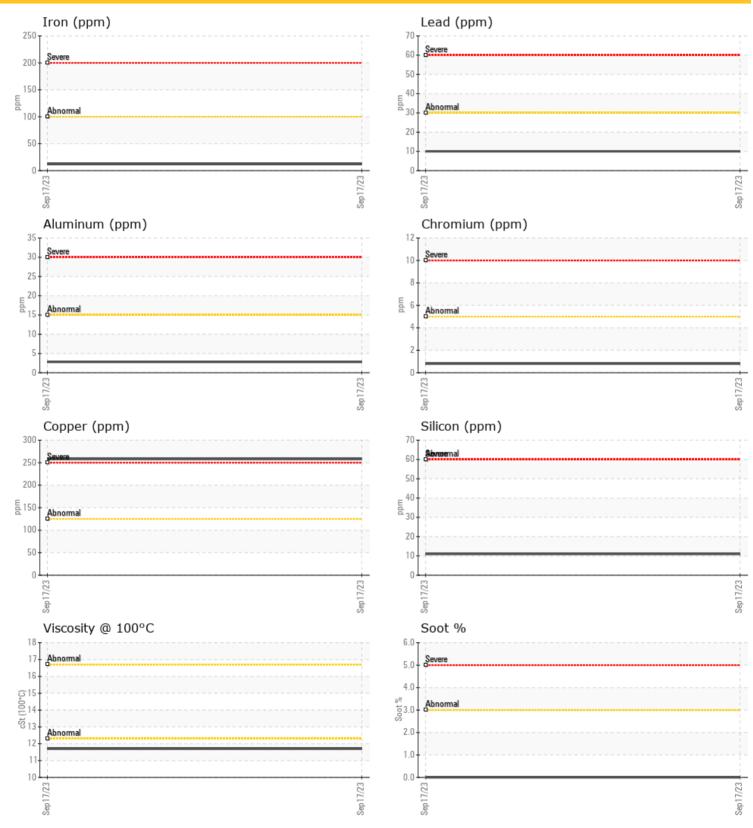
Contact/Location: Steve Lehto - LIEMIS

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: LIEMIS [WCAMIS] 02583096 (Generated: 09/19/2023 19:16:24) Rev: 1

Contact/Location: Steve Lehto - LIEMIS