

LIEBHERR LH60M 117099 - Diesel Engine

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Sample No: LH0276162

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	LH0276162
Sample Date	14 Sep 2023
Machine Hours	2563
Oil Hours	0
Oil Changed	Changed
Sample Status	NORMAL

	OIL CONDITION				
Visc @	100°C	cSt			

Oxidation (PA) %

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l	CONTAMINATION						
0/_		0/_					

Soot %	%	0	 	
Nitration (PA)	%	76	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	07	 	
Sodium	ppm	2	 	
Potassium	ppm	02	 	

Iron	ppm	5	 	
Copper	ppm	3	 	
Lead	ppm	○ <1	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	5 5	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	○ <1	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

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ADDITIVES							
Calcium	ppm	0 1118					
Magnesium	ppm	937					
Zinc	ppm	0 1191					
Phosphorus	ppm	0 1070					
Barium	ppm	○ <1					
Boron	ppm	0 2					





LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Dustin Fluet dustin.fluet@liebherr.com T: (780)962-6088 F: (780)962-6799

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIESPRUnique No:5643804Signed:Wes DavisReport Date:15 Sep 2023

Report Id: LIESPR [WCAMIS] 02582739 (Generated: 09/15/2023 17:11:56) Rev: 1

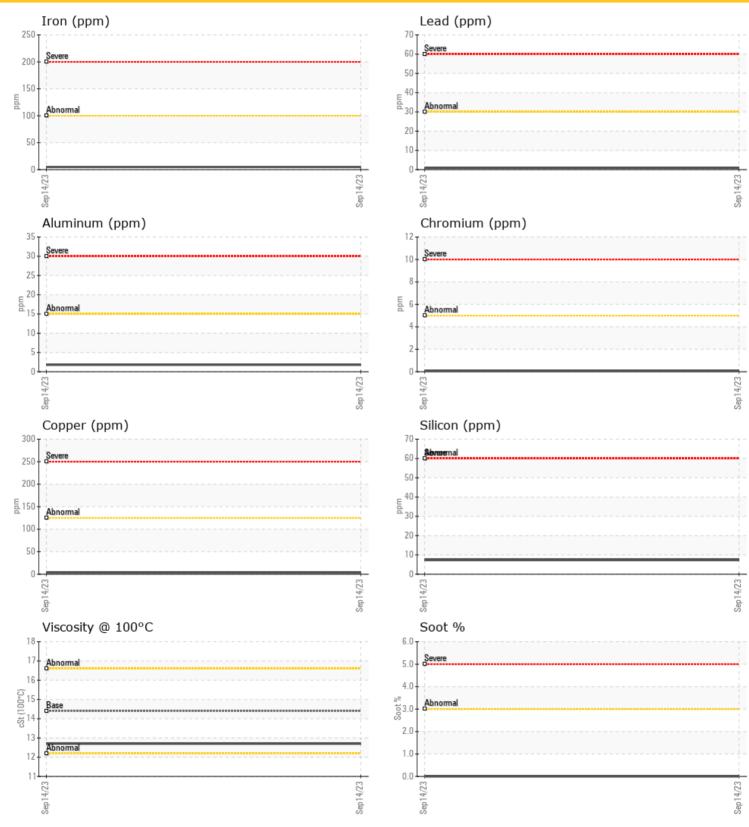
Contact/Location: Dustin Fluet - LIESPR





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Report Id: LIESPR [WCAMIS] 02582739 (Generated: 09/15/2023 17:11:59) Rev: 1

Contact/Location: Dustin Fluet - LIESPR