

LIEBHERR LH30M 73579-1200 - Diesel Engine

Sample No: LH0270351

Oil Type:

PETRO CANADA 10W40

11.8

76

SAMPLE INFORMATION					
Sample Number	LH0270351				
Sample Date	26 Jul 2023				
Machine Hours	9058				
Oil Hours	0				
Oil Changed	Changed				
Sample Status	NORMAL				

OIL CONDITION Visc @ 100°C

Oxidation (PA)

Soot %	%	0.1			
Nitration (PA)	%	83			
Sulfation (PA)	%	58			
Glycol	%	NEG			
Fuel	%	0 1.4			
Silicon	ppm	07			
Sodium	ppm	5			
Potassium	ppm	<mark></mark> <1			

WEAR METALS

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%

Iron	ppm	07	 	
Copper	ppm	01	 	
Lead	ppm	○ <1	 	
Tin	ppm	<mark>○</mark> <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	6 2	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

ADDITIVES Calcium ppm 0 862 Magnesiu 1165 n

Maynesium	ppin	01105	 	
Zinc	ppm	0 1259	 	
Phosphorus	ppm	0 1090	 	
Barium	ppm	0	 	
Boron	ppm	23	 	





LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Joseph Gillis joseph.gillis@liebherr.com T: F: (905)319-6622

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.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: LIEMIS Unique No: 5618655 Kevin Marson Signed: **Report Date:** 04 Aug 2023

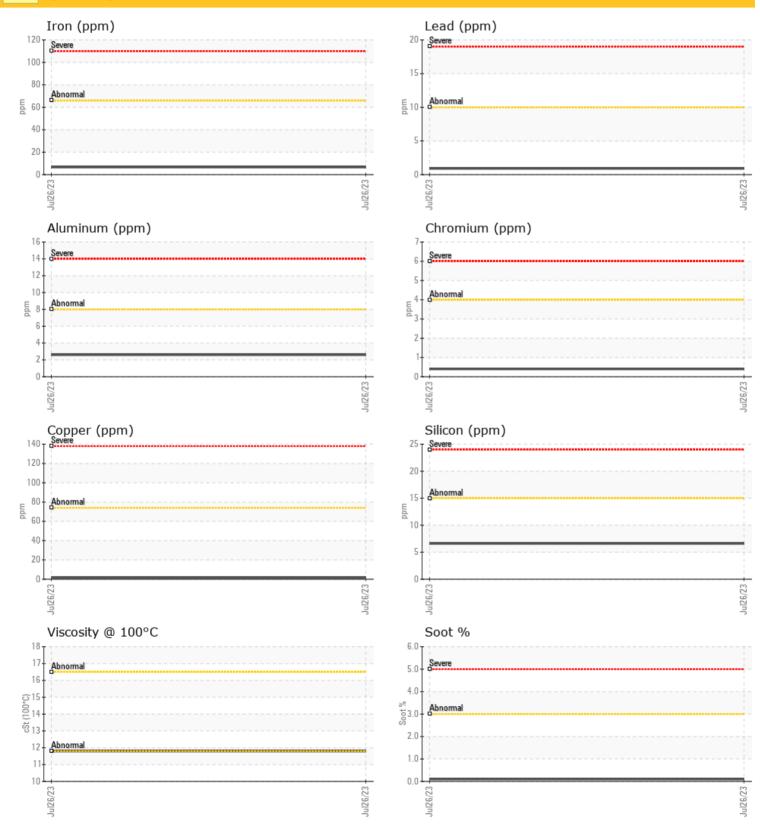
Contact/Location: Joseph Gillis - LIEMIS





GRAPHS

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Contact/Location: Joseph Gillis - LIEMIS