

LIEBHERR LH22157673-1525 - Diesel Engine

0 11.8

174

Sample No: LH0288024

Oil Type: PETRO CANADA 10W40

Sample Information

Sample Number	LH0288024	 	
Sample Date	02 May 2024	 	
Machine Hours	515	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

Oil Visc @ 100°C

Oil Condition

Oxidation (PA)

Contamination								
Water	%	NEG						
Soot %	%	0						
Nitration (PA)	%	83						
Sulfation (PA)	%	101						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	0 47						
Sodium	ppm	05						
Potassium	ppm	○ <1						

Wear Metals

Iron	ppm	0 25				
Copper	ppm	3 9				
Lead	ppm	01				
Tin	ppm	○ <1				
Aluminum	ppm	6				
Chromium	ppm	○ <1				
Molybdenum	ppm	0 45				
Nickel	ppm	0				
Titanium	ppm	<1				
Silver	ppm	0 🔘				
Manganese	ppm	0 9				
Vanadium	ppm	0				

0 **Additives** Calcium ppm 0 1781 Magnesium 0772 ppm Zinc 0 887 ppm Phosphorus 0743 ppm Barium ppm 09 Boron 0 93 ppm





ECOWASTE INDUSTRIES LTD. 15111 WILLIAMS ROAD

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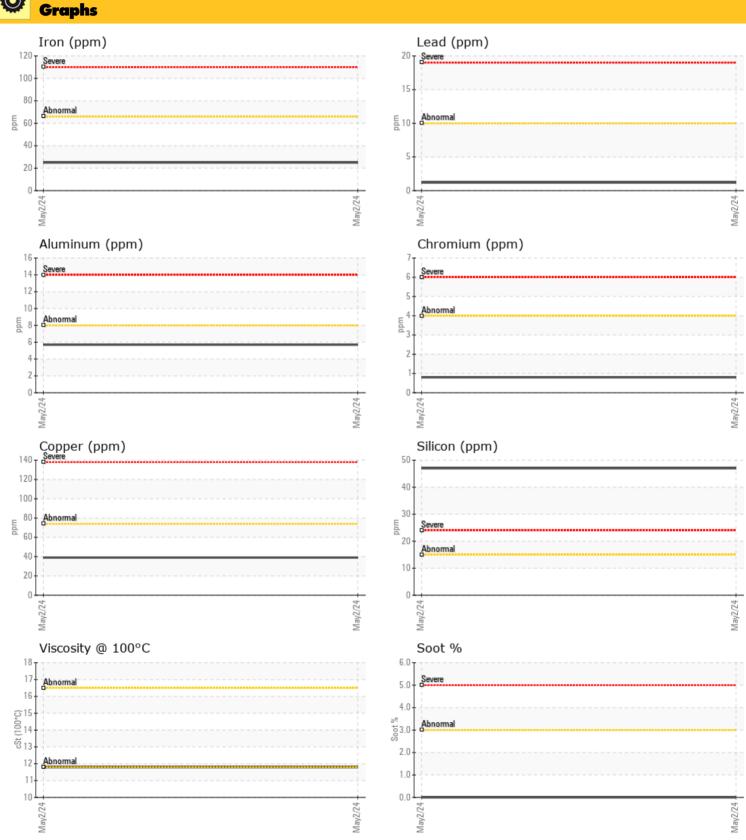
Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

CONSTRUCTION EQUIPMENT



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