



LIEBHERR LH26M 124532-1252 - Diesel Engine

Sample No: LH0290491

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Oil Type: PETRO CANADA 10W40

Sample Information

Sample Number	LH0290491	LH0288069	LH0281098					
Sample Date	16 Jul 2024	22 Apr 2024	08 Jan 2024					
Machine Hours	5572	5135	4614					
Oil Hours	0	0	0					
Oil Changed	Changed	Changed	Changed					
Sample Status	NORMAL	NORMAL	NORMAL					
Oil Condition								
Visc @ 100°C cSt	0 14.8	0 14.9	0 14.3					
Oxidation (PA) %	93	80	76					

Contamination								
Water	%	NEG	NEG	NEG				
Soot %	%	0	0 0	0				
Nitration (PA)	%	92	83	82				
Sulfation (PA)	%	65	61	60				
Glycol	%	NEG	NEG	NEG				
Fuel	%	<1.0	<1.0	<1.0				
Silicon	ppm	0 20	5	0 4				
Sodium	ppm	0 2	2	02				
Potassium	ppm	() <1	◯ <1	◯ <1				

0 **Wear Metals** Iron 0 15 ppm 014 0 11 Copper ppm 01 \bigcirc Lead ppm 02 00 \bigcirc <¹ Tin 0 0 ppm C Aluminum 02 2 ppm $\bigcirc 1$ Chromium ○ <1 ○ <1 ppm ○ <1 Molybdenum 0 65 0 57 0 42 ppm Nickel 0 $\bigcirc 0$ 0 <1 ppm Titanium ppm 0 0 0 Silver ppm 0 $\bigcirc 0$ 0 Manganese 0 <1 0 ppm 0 <1 Vanadium ppm 0 0

Additives							
Calcium	ppm	0 1127	0 1168	0 1243			
Magnesium	ppm	0 1052	0 1067	893			
Zinc	ppm	1312	1312	0 1297			
Phosphorus	ppm	0 1087	0 1076	0 1059			
Barium	ppm	0	0	0			
Boron	ppm	○ <1	0 2	02			



AMI116SUR 5814112

AMI116SUR 5814112 Wes Davis 18 Jul 2024



Amix Recycling

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Diagnosis

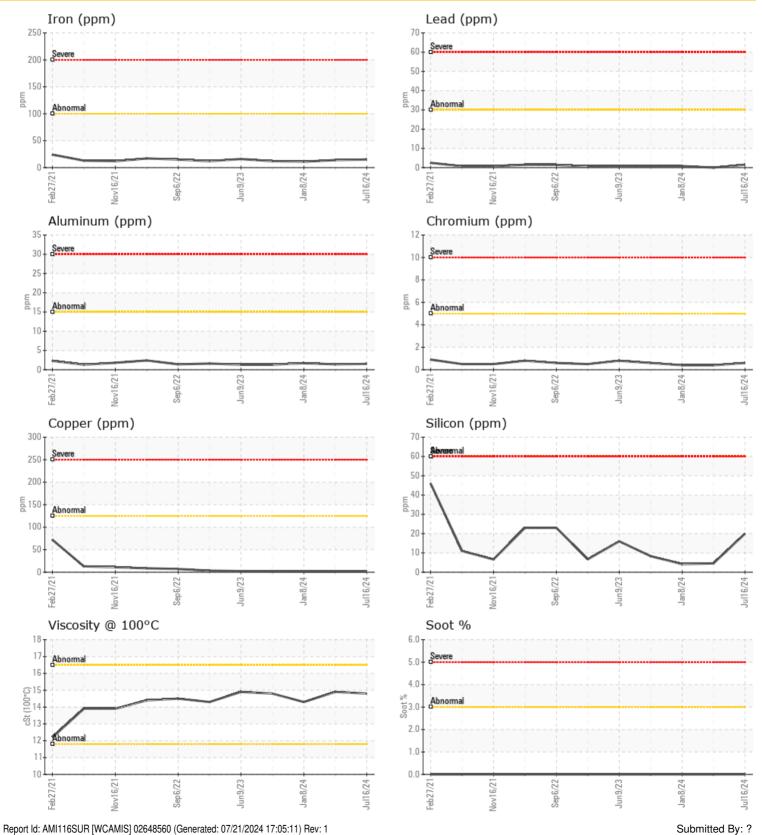
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.





Graphs

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