

LIEBHERR R926 048474-1565 - Diesel Engine

Sample No: LH0281115

Oil Type: PETRO CANADA 10W40

SAMPLE INFORMATION

Sample Number	LH0281115	LH0226750	LH0214952	
Sample Date	05 Jan 2024	18 May 2022	22 Nov 2021	
Machine Hours	1956	2674	461	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Not Changd	
Sample Status	NORMAL	NORMAL	NORMAL	

OIL C	ONDIT	ION			
Visc @ 100°C	cSt	14.2	0 13.1	◯ 15.0	
Oxidation (PA)	%	65	73	59	
- 14 C					

Water	%	NEG	NEG	NEG	
Soot %	%	0	0	0	
Nitration (PA)	%	63	69	40	
Sulfation (PA)	%	56	63	55	
Glycol	%	NEG	NEG	NEG	
Fuel	%	<1.0	<1.0	<1.0	
Silicon	ppm	8 🔘	0 12	0 10	
Sodium	ppm	0 2	0 2	2	
Potassium	ppm	○ <1	0 1	◯ <1	

$\overline{\mathbf{O}}$ **WEAR METALS** 0 13 Iron ppm 21 3 Copper ppm 01 03 Lead ppm ○ <1 \bigcirc <¹ <1 Tin 0 ppm < Aluminum 02 $\bigcirc 2$ ppm 01 Chromium ○ <1 ○ <1 ○ <1 ppm Molybdenum 0 57 58 0 55 ppm Nickel 0 <1 0 <1 0 <1 ppm Titanium 0 0 0 ppm Silver ppm 0 0 <1 Manganese 0 ppm ○ <1 \bigcirc <1 Vanadium ppm 0 0

ADDITIVES					
Calcium	ppm	0 1022	0 1117	0 1058	
Magnesium	ppm	947	○ 1010	967	
Zinc	ppm	0 1150	0 1218	0 1167	
Phosphorus	ppm	963	0 1049	0 1017	
Barium	ppm	0	○ <1	◯ <1	
Boron	ppm	○ <1	07	9	



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VICTORIA STONESCAPES 1870 KEATING CROSS ROAD

SAANICHTON, BC CA V8M 1W9 Contact: Service Manager

T: F:

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.

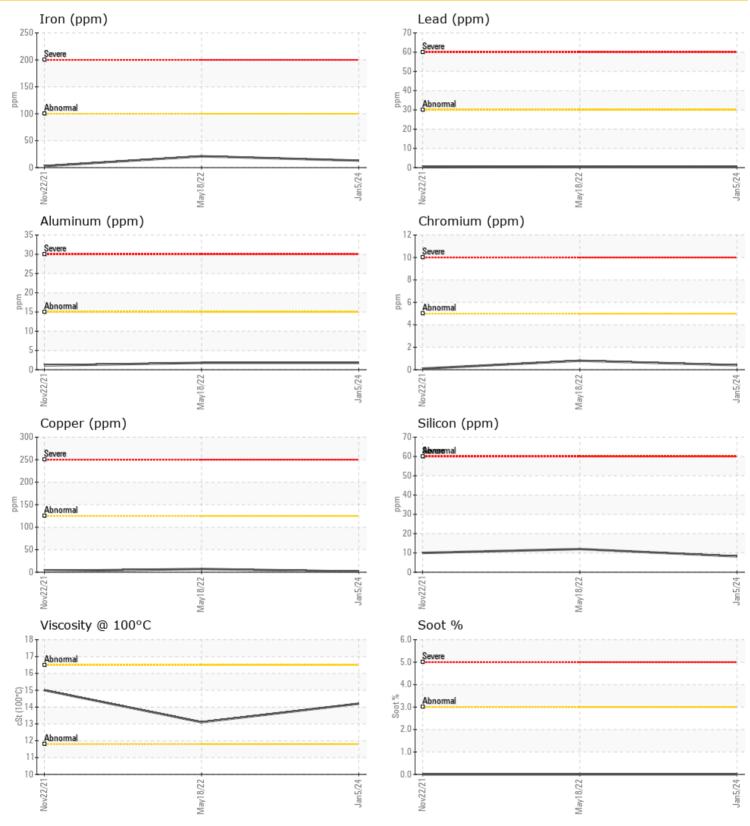
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