

LIEBHERR L550 34299 - Diesel Engine

Sample No: LH0276165

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	LH0276165	
Sample Date	14 Sep 2023	
Machine Hours	12627	
Oil Hours	0	
Oil Changed	Changed	
Sample Status	NORMAL	

0 14.1

56

OIL CONDITION Visc @ 100°C

cSt %

Oxidation (PA)

CONTAMINATION

Soot %	%	0.2	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	06	 	
Sodium	ppm	01	 	
Potassium	ppm	○ <1	 	

WEAR METALS

Iron	ppm	8	 	
Copper	ppm	02	 	
Lead	ppm	01	 	
Tin	ppm	0 ()	 	
Aluminum	ppm	06	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	58	 	
Nickel	ppm	0 ()	 	
Titanium	ppm	0 🔘	 	
Silver	ppm	0 ()	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	



ADDITIVES Calcium 0 1036 ppm Magnesium 0 972 ppm Zinc 0 1180 ppm Phosphorus 0 1064 ppm Barium 0 🔘 ppm Boron ppm 01





LIEBHERR CANADA LTD.

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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.

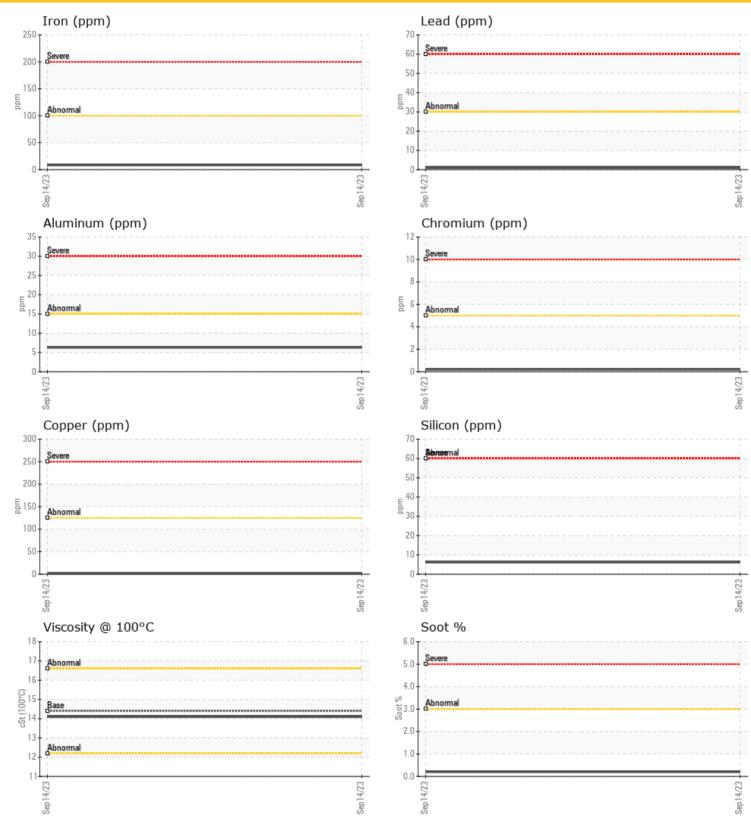
Depot: LIEMIS Unique No: 5643733 Signed: Wes Davis **Report Date:** 15 Sep 2023





GRAPHS

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Contact/Location: Joseph Rodgers - LIEMIS