

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 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	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Joseph Rodgers  
 joseph.rodgers@liebherr.com  
 T: (905)319-9222  
 F: (905)319-6622



#### OIL CONDITION

Visc @ 100°C	cSt	14.1	---	---	---
Oxidation (PA)	%	56	---	---	---



#### CONTAMINATION

Soot %	%	0.2	---	---	---
Nitration (PA)	%	56	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	8	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	58	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1036	---	---	---
Magnesium	ppm	972	---	---	---
Zinc	ppm	1180	---	---	---
Phosphorus	ppm	1064	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

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



### GRAPHS

