

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [PACESETTER] LIEBHERR L566 48961 - Diesel Engine

Sample No: LH0281072

Oil Type: DIESEL ENGINE OIL SAE 40



#### Sample Information

Sample Number	LH0281072	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	594	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Steve Lehto  
 steve.lehto@liebherr.com  
 T: (905)319-9222  
 F: (905)319-6617



#### Oil Condition

Visc @ 100°C	cSt	14.2	---	---	---
Oxidation (PA)	%	102	---	---	---



#### Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	93	---	---	---
Sulfation (PA)	%	66	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	2	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. 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.



#### Wear Metals

Iron	ppm	36	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	8	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	1361	---	---	---
Magnesium	ppm	738	---	---	---
Zinc	ppm	1029	---	---	---
Phosphorus	ppm	891	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	44	---	---	---

**Depot:** LIEMIS  
**Unique No:** 5814204  
**Signed:** Kevin Marson  
**Report Date:** 19 Jul 2024



### Graphs

