

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(357697)] LIEBHERR PR766 016664-1421 - Diesel Engine

Sample No: LH0265147

Oil Type: DIESEL ENGINE OIL SAE 40



#### Sample Information

Sample Number	LH0265147	---	---	---
Sample Date	04 May 2024	---	---	---
Machine Hours	8837	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**HEAVY IRON INC**  
 370145 79 STREET EAST  
 ALDERSYDE, AB  
 CA T0L 0A0  
 Contact: Service Manager



#### Oil Condition

Visc @ 100°C	cSt	14.0	---	---	---
Oxidation (PA)	%	49	---	---	---

T:  
F:



#### Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	44	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---

#### 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. 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	2	---	---	---
Copper	ppm	112	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	2160	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	1060	---	---	---
Phosphorus	ppm	941	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

**Depot:** HEAALD  
**Unique No:** 5774558  
**Signed:** Kevin Marson  
**Report Date:** 07 May 2024



### Graphs

