

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[597382]] LIEBHERR LH60M 143114-1217 - Diesel Engine

Sample No: LH0280981

Oil Type: DIESEL ENGINE OIL SAE 40



**INLAND STEEL PRODUCTS INC.**  
 1009 37 AVENUE  
 LLOYDMINSTER, SK  
 CA S9V 1K5  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0280981	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	2907	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	13.7	---	---	---
Oxidation (PA)	%	69	---	---	---



#### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	3	---	---	---



#### WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	13	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	2201	---	---	---
Magnesium	ppm	79	---	---	---
Zinc	ppm	995	---	---	---
Phosphorus	ppm	853	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	4	---	---	---

T:  
F:

#### 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.

Depot: INLLLO  
 Unique No: 5723286  
 Signed: Wes Davis  
 Report Date: 08 Feb 2024



### GRAPHS

