

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 145586-1218 - Diesel Engine

Sample No: LH0269261

Oil Type: DIESEL ENGINE OIL SAE 40



#### SAMPLE INFORMATION

Sample Number	LH0269261	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

#### American Iron and Metal

10305 Metropolitaine Est, Garage porte 13  
 Montreal, QC  
 CA H1B 1A1  
 Contact: Sebastien Liautaud  
 sliautaud@aimrecyclinggroup.com  
 T:  
 F:



#### OIL CONDITION

Visc @ 100°C	cSt	13.1	---	---	---
Oxidation (PA)	%	88	---	---	---



#### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	87	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	3	---	---	---

#### 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	5	---	---	---
Copper	ppm	54	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	87	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	2147	---	---	---
Magnesium	ppm	114	---	---	---
Zinc	ppm	1101	---	---	---
Phosphorus	ppm	911	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	40	---	---	---

Depot: LACMON  
 Unique No: 5721381  
 Signed: Wes Davis  
 Report Date: 31 Jan 2024



### GRAPHS

