

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 077068-1758 - Diesel Engine

Sample No: LH0290879

Oil Type: DIESEL ENGINE OIL SAE 40



Sample Information

Sample Number	LH0290879	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Sintra Inc. (division Ouest)
 9975 rue de Chateaufort, Local B
 Brossard, QC
 CA J4Z 3V6
 Contact: Service Manager
 jonathan.smith@sintra.ca
 T:
 F:



Oil Condition

Visc @ 100°C	cSt	13.6	---	---	---
Oxidation (PA)	%	71	---	---	---



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

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	4	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	56	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1077	---	---	---
Magnesium	ppm	966	---	---	---
Zinc	ppm	1160	---	---	---
Phosphorus	ppm	978	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	9	---	---	---

Depot: SINBRO
Unique No: 5799489
Signed: Wes Davis
Report Date: 14 Jun 2024



Graphs

