

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 117545 - Diesel Engine

Sample No: LH0270585

Oil Type: DIESEL ENGINE OIL SAE 30



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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SAMPLE INFORMATION

Sample Number	LH0270585	---	---	---
Sample Date	19 Jul 2023	---	---	---
Machine Hours	12412	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.3	---	---	---
Oxidation (PA)	%	74	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	76	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1084	---	---	---
Magnesium	ppm	1028	---	---	---
Zinc	ppm	1229	---	---	---
Phosphorus	ppm	1097	---	---	---
Barium	ppm	0	---	---	---
Boron	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 30. 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: LIEMIS
 Unique No: 5616219
 Signed: Wes Davis
 Report Date: 20 Jul 2023



GRAPHS

