

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 73579-1200 - Diesel Engine

Sample No: LH0270351

Oil Type: PETRO CANADA 10W40



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Joseph Gillis
 joseph.gillis@liebherr.com
 T:
 F: (905)319-6622



SAMPLE INFORMATION

Sample Number	LH0270351	---	---	---
Sample Date	26 Jul 2023	---	---	---
Machine Hours	9058	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.8	---	---	---
Oxidation (PA)	%	76	---	---	---



CONTAMINATION

Soot %	%	0.1	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.4	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	62	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	862	---	---	---
Magnesium	ppm	1165	---	---	---
Zinc	ppm	1259	---	---	---
Phosphorus	ppm	1090	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	23	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5618655
 Signed: Kevin Marson
 Report Date: 04 Aug 2023



GRAPHS

