

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 064593-1761- Diesel Engine

Sample No: LH
Oil Type: NOT GIVEN



LIEBHERR CANADA LTEE
444 AVENUE DE LA FRICHE
DOLBEAU-MISTASSINI, QC
CA G8L 3M7
Contact: Luc Trottier
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T:
F: (418)276-9844



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	998	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	13.7	---	---	---
Oxidation (PA)	%	79	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	17	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1363	---	---	---
Magnesium	ppm	796	---	---	---
Zinc	ppm	839	---	---	---
Phosphorus	ppm	823	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	175	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LBADOL
Unique No: 5632678
Signed: Wes Davis
Report Date: 31 Aug 2023



GRAPHS

