

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 143683-1253 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA DURON UHP 5W30



**SCIERIE MARTEL LTEE**  
 3000 ROUTE DU LAC EST  
 ALMA, QC  
 CA G8B 5V2  
 Contact: Alain Bauchard

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#### Diagnosis

Resample at the next service interval to monitor. 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.



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	11.5	---	---	---
Oxidation (PA)	%	89	---	---	---



#### CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	85	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	329	---	---	---
Lead	ppm	8	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	842	---	---	---
Magnesium	ppm	1130	---	---	---
Zinc	ppm	1145	---	---	---
Phosphorus	ppm	1000	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	31	---	---	---

**Depot:** SCIALM  
**Unique No:** 5642375  
**Signed:** Kevin Marson  
**Report Date:** 13 Sep 2023



### GRAPHS

