

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 151293-1216 - Diesel Engine

Sample No: LH0281563  
Oil Type: NOT GIVEN



1625066 ONTARIO LTD.  
870 MACKAY RD  
PICKERING, ON  
CA L1W 2Y4  
Contact: Service Manager



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281563	---	---	---
Date d'échant.	07 Dec 2023	---	---	---
Heures de la Machine	616	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	ATTENTION	---	---	---



#### ÉTAT D'HUILE

Visc 100°C	cSt	11.8	---	---	---
Oxydation (PA)	%	226	---	---	---



#### CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	0	---	---	---
Nitration (PA)	%	107	---	---	---
Sulfatation (PA)	%	116	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	1.4	---	---	---
Silicium	ppm	9	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	12	---	---	---
Cuivre	ppm	250	---	---	---
Plomb	ppm	9	---	---	---
Étain	ppm	1	---	---	---
Aluminium	ppm	4	---	---	---
Chrome	ppm	2	---	---	---
Molybdène	ppm	47	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	1365	---	---	---
Magnésium	ppm	924	---	---	---
Zinc	ppm	831	---	---	---
Phosphore	ppm	666	---	---	---
Baryum	ppm	31	---	---	---
Bore	ppm	79	---	---	---

T:  
F:

#### Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Copper ppm levels are noted. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other 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: 162PIC  
Unique No: 5694888  
Signed: Kevin Marson  
Report Date: 11 Dec 2023



### GRAPHS

