

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 139969-1253 - Diesel Engine

Sample No: LH0289822

Oil Type: PETRO CANADA 10W40



**METAUX 139 INC.**  
86 RTE MARIE-VICTORIN  
PIERREVILLE, QC  
CA J0G 1J0  
Contact: Service Manager

T:  
F:



#### Information sur l'échantillon

Numéro d'échant.	LH0289822	LH	---	---
Date d'échant.	15 May 2024	19 Oct 2023	---	---
Heures de la Machine	930	480	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	N/A	---	---
Statut de l'échant.	ABNORMAL	ABNORMAL	---	---



#### État d'huile

Visc 100°C	cSt	11.2	11.5	---	---
Oxydation (PA)	%	89	205	---	---



#### Contamination

Eau	%	NEG	NEG	---	---
% de suie	%	0	0	---	---
Nitration (PA)	%	78	98	---	---
Sulfatation (PA)	%	62	110	---	---
Glycol	%	NEG	0.0	---	---
Essence	%	0.0	1.2	---	---
Silicium	ppm	5	8	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	<1	2	---	---



#### Métaux d'usure

Fer	ppm	6	11	---	---
Cuivre	ppm	43	213	---	---
Plomb	ppm	<1	6	---	---
Étain	ppm	0	<1	---	---
Aluminium	ppm	1	3	---	---
Chrome	ppm	<1	2	---	---
Molybdène	ppm	54	46	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additifs

Calcium	ppm	875	1372	---	---
Magnésium	ppm	1055	889	---	---
Zinc	ppm	1157	833	---	---
Phosphore	ppm	975	666	---	---
Baryum	ppm	4	33	---	---
Bore	ppm	45	95	---	---

#### Diagnostic

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination 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: MET126WIC  
Unique No: 5785769  
Signed: Kevin Marson  
Report Date: 22 May 2024



### Graphs

