

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 146105-1216 - Diesel Engine

Sample No: LH0284906

Oil Type: DIESEL ENGINE OIL SAE 30



**JOSEPH & COMPANY INC**  
257 VICTORIA ST N  
KITCHENER, ON  
CA N2H 5C9  
Contact: Service Manager



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284906	LH0257434	---	---
Date d'échant.	08 Feb 2024	14 Sep 2023	---	---
Heures de la Machine	1020	512	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	ATTENTION	---	---



#### ÉTAT D'HUILE

Visc 100°C	cSt	12.5	11.8	---	---
Oxydation (PA)	%	87	211	---	---



#### CONTAMINATION

Eau	%	NEG	NEG	---	---
% de suie	%	0	0	---	---
Nitration (PA)	%	74	105	---	---
Sulfatation (PA)	%	63	113	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	1.2	---	---
Silicium	ppm	8	9	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	3	---	---



#### MÉTAUX D'USURE

Fer	ppm	6	11	---	---
Cuivre	ppm	134	238	---	---
Plomb	ppm	5	8	---	---
Étain	ppm	<1	1	---	---
Aluminium	ppm	2	4	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	56	45	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

Calcium	ppm	1100	1343	---	---
Magnésium	ppm	929	932	---	---
Zinc	ppm	1103	841	---	---
Phosphore	ppm	921	716	---	---
Baryum	ppm	5	32	---	---
Bore	ppm	11	82	---	---

T:  
F:

#### Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. 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.

Depot: JOS257KIT  
Unique No: 5723690  
Signed: Kevin Marson  
Report Date: 12 Feb 2024



### GRAPHS

