

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112545-1253 - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 30



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH	LH0270116	LH0261585	LH0251782
Date d'échant.	07 Dec 2023	27 Sep 2023	08 May 2023	10 Mar 2023
Heures de la Machine	13530	1297	11758	11210
Heures de l'huile	0	0	0	0
Huile changée	N/A	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

#### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

Contact: Jamie Depotie  
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#### ÉTAT D'HUILE

Visc 100°C	cSt	12.5	12.4	12.4	12.0
Oxydation (PA)	%	71	71	67	74



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	74	75	72	77
Sulfatation (PA)	%	54	55	53	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	7	6	6
Sodium	ppm	2	2	1	2
Potassium	ppm	0	0	0	0



#### MÉTAUX D'USURE

Fer	ppm	3	3	2	3
Cuivre	ppm	1	1	1	3
Plomb	ppm	1	2	<1	2
Étain	ppm	0	0	<1	<1
Aluminium	ppm	<1	<1	1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	59	61	60	61
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	<1
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1189	1085	1138	1175
Magnésium	ppm	949	1009	968	973
Zinc	ppm	1209	1233	1208	1223
Phosphore	ppm	984	1027	1073	1116
Baryum	ppm	<1	<1	0	0
Bore	ppm	3	3	3	6

#### Diagnostic

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.

Depot: GRE224WOO  
Unique No: 5694883  
Signed: Wes Davis  
Report Date: 08 Dec 2023



### GRAPHS

