

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[595690]] LIEBHERR LH50M 123311-1216 - Diesel Engine

Sample No: LH0285034

Oil Type: DIESEL ENGINE OIL SAE 40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285034	LH0277528	LH0261366	LH0247311
Date d'échant.	29 Jan 2024	27 Nov 2023	01 May 2023	06 Feb 2023
Heures de la Machine	0	7310	6153	5640
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	MARGINAL	NORMAL

**LONDON SALVAGE & TRADING LTD.**  
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#### ÉTAT D'HUILE

Visc 100°C	cSt	12.9	13.0	11.4	12.7
Oxydation (PA)	%	60	62	76	65



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	60	68	78	72
Sulfatation (PA)	%	51	51	56	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	2.1	<1.0
Silicium	ppm	6	7	7	7
Sodium	ppm	1	2	4	1
Potassium	ppm	<1	0	0	0

#### 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.



#### MÉTAUX D'USURE

Fer	ppm	2	3	4	4
Cuivre	ppm	2	3	3	2
Plomb	ppm	<1	1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	1	<1	1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	56	58	61	59
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	<1	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1096	1040	855	1109
Magnésium	ppm	937	965	1085	973
Zinc	ppm	1163	1182	1152	1183
Phosphore	ppm	969	994	1077	1091
Baryum	ppm	0	<1	0	0
Bore	ppm	5	1	30	2

Depot: LON333LON  
 Unique No: 5721228  
 Signed: Wes Davis  
 Report Date: 30 Jan 2024



### GRAPHS

