

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 123311-1216 - Diesel Engine

Sample No: LH0277528

Oil Type: DIESEL ENGINE OIL SAE 40



LONDON SALVAGE & TRADING LTD.
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INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277528	LH0261366	LH0247311	LH0242497
Date d'échant.	27 Nov 2023	01 May 2023	06 Feb 2023	24 Oct 2022
Heures de la Machine	7310	6153	5640	5011
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	MARGINAL	NORMAL	ABNORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	13.0	11.4	12.7	12.5
Oxydation (PA)	%	62	76	65	67



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	68	78	72	73
Sulfatation (PA)	%	51	56	55	55
Glycol	%	NEG	NEG	NEG	0.0
Essence	%	<1.0	2.1	<1.0	1.8
Silicium	ppm	7	7	7	7
Sodium	ppm	2	4	1	6
Potassium	ppm	0	0	0	11



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	1040	855	1109	1081
Magnésium	ppm	965	1085	973	956
Zinc	ppm	1182	1152	1183	1181
Phosphore	ppm	994	1077	1091	1066
Baryum	ppm	<1	0	0	0
Bore	ppm	1	30	2	2

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 40. 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: LON333LON
 Unique No: 5684490
 Signed: Wes Davis
 Report Date: 29 Nov 2023



GRAPHS

