

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 145111-1217 - Diesel Engine

Sample No: LH0285010

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285010	LH0261759	LH0266083	LH0261354
Date d'échant.	12 Feb 2024	06 Sep 2023	20 Jun 2023	27 Apr 2023
Heures de la Machine	2972	2048	1188	558
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	13.4	12.6	12.8	11.9
Oxydation (PA)	%	73	92	100	225



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	82	85	84	109
Sulfatation (PA)	%	53	67	65	115
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1.8
Silicium	ppm	7	7	7	9
Sodium	ppm	1	2	2	2
Potassium	ppm	1	6	2	3

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	4	7	7	15
Cuivre	ppm	2	9	65	237
Plomb	ppm	<1	1	4	10
Étain	ppm	0	<1	<1	1
Aluminium	ppm	2	2	1	3
Chrome	ppm	<1	<1	<1	2
Molybdène	ppm	56	58	57	46
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1053	1040	1091	1412
Magnésium	ppm	943	962	971	926
Zinc	ppm	1181	1142	1130	826
Phosphore	ppm	1014	972	972	748
Baryum	ppm	0	<1	4	31
Bore	ppm	<1	2	8	93

Depot: RAMTOR
Unique No: 5724301
Signed: Wes Davis
Report Date: 13 Feb 2024



GRAPHS

