

LIEBHERR

CONSTRUCTION EQUIPMENT



[(343446)] LIEBHERR LH60M 124381-1217 - Diesel Engine

Sample No: LH0289735

Oil Type: SAE 5W30



RAM IRON AND METAL
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Information sur l'échantillon

Numéro d'échant.	LH0289735	LH0289702	LH0285014	LH0265839
Date d'échant.	27 May 2024	16 Apr 2024	12 Feb 2024	26 Jun 2023
Heures de la Machine	13670	13245	12500	10141
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 100°C	cSt	12.0	13.1	13.6	13.2
Oxydation (PA)	%	85	89	76	80



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	88	87	80	78
Sulfatation (PA)	%	59	59	55	57
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	8	7
Sodium	ppm	4	2	1	2
Potassium	ppm	<1	<1	2	<1



Métaux d'usure

Fer	ppm	4	5	4	3
Cuivre	ppm	<1	1	<1	1
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	2	2	1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	59	60	57	58
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	861	1088	1109	1043
Magnésium	ppm	1122	982	941	978
Zinc	ppm	1219	1204	1176	1194
Phosphore	ppm	1033	989	993	1051
Baryum	ppm	0	0	0	0
Bore	ppm	23	4	2	2

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: RAMTOR
Unique No: 5787092
Signed: Kevin Marson
Report Date: 29 May 2024



Graphs

