

LIEBHERR

CONSTRUCTION EQUIPMENT



[(341437)] LIEBHERR LH50M 128335-1216 - Diesel Engine

Sample No: LH0266024

Oil Type: SAE 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0266024	LH0256661	LH0251797	LH0251726
Date d'échant.	25 Jul 2023	13 Apr 2023	22 Feb 2023	04 Jan 2023
Heures de la Machine	9871	8766	8255	7736
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	12.5	13.2	11.7	13.2
Oxydation (PA)	%	79	67	81	70



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	75	68	84	71
Sulfatation (PA)	%	61	52	61	57
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	1.6	<1.0
Silicium	ppm	5	7	7	8
Sodium	ppm	2	1	4	1
Potassium	ppm	0	<1	<1	0



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	1067	1110	899	1145
Magnésium	ppm	996	986	1101	954
Zinc	ppm	1222	1217	1232	1197
Phosphore	ppm	1053	1090	1100	1063
Baryum	ppm	<1	0	0	0
Bore	ppm	2	5	31	5

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: COMTOR
Unique No: 5617658
Signed: Wes Davis
Report Date: 27 Jul 2023



GRAPHS

