

LIEBHERR

CONSTRUCTION EQUIPMENT



[(338032)] LIEBHERR LH50M 126428-1216 - Diesel Engine

Sample No: LH0274485

Oil Type: SAE 10W40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0274485	LH0251866	LH0251885	LH0242633
Date d'échant.	16 Aug 2023	03 Apr 2023	19 Jan 2023	09 Nov 2022
Heures de la Machine	9184	8117	7554	6891
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

COMBINED METAL INDUSTRIES
454 DOBBIE DRIVE
CAMBRIDGE, ON
CA N1T 1S7
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	12.9	13.0	12.6	12.6
Oxydation (PA)	%	60	68	69	75

T:
F:



CONTAMINATION

Eau	%	0.043	---	---	---
% de suie	%	0	0	0	0
Nitration (PA)	%	69	74	77	79
Sulfatation (PA)	%	53	53	55	57
Glycol	%	0.0	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	6	8	6
Sodium	ppm	2	1	2	2
Potassium	ppm	2	<1	<1	<1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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	3	3	3	3
Cuivre	ppm	2	2	1	2
Plomb	ppm	<1	<1	<1	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	<1	0	0	0
Molybdène	ppm	59	58	59	58
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1048	1091	1154	1095
Magnésium	ppm	980	950	952	960
Zinc	ppm	1202	1189	1205	1219
Phosphore	ppm	1052	1079	1082	1084
Baryum	ppm	0	0	0	0
Bore	ppm	1	2	5	3

Depot: COM454CAM
Unique No: 5629462
Signed: Wes Davis
Report Date: 18 Aug 2023



GRAPHS

