

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0277590

Oil Type: PETRO CANADA SUPREME 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277590	LH0274485	LH0251866	LH0251885
Date d'échant.	17 Oct 2023	16 Aug 2023	03 Apr 2023	19 Jan 2023
Heures de la Machine	9662	9184	8117	7554
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	12.8	12.9	13.0	12.6
Oxydation (PA)	%	66	60	68	69

T:
F:



CONTAMINATION

Eau	%	---	0.043	---	---
% de suie	%	0	0	0	0
Nitration (PA)	%	73	69	74	77
Sulfatation (PA)	%	52	53	53	55
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	6	8
Sodium	ppm	1	2	1	2
Potassium	ppm	<1	2	<1	<1

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



ADDITIFS

Calcium	ppm	1028	1048	1091	1154
Magnésium	ppm	943	980	950	952
Zinc	ppm	1164	1202	1189	1205
Phosphore	ppm	980	1052	1079	1082
Baryum	ppm	<1	0	0	0
Bore	ppm	3	1	2	5

Depot: COM454CAM
Unique No: 5659028
Signed: Wes Davis
Report Date: 18 Oct 2023



GRAPHS

