

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124550-1216 - Diesel Engine

Sample No: LH0270577

Oil Type: PETRO CANADA 10W40



COMBINED METAL INDUSTRIES-PUBLIC YARD
129 FENMAR DR
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270577	LH0247216	LH0251642	LH0247491
Date d'échant.	01 Aug 2023	11 Apr 2023	08 Feb 2023	12 Dec 2022
Heures de la Machine	11935	10794	10128	9562
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	13.1	12.9	11.6	12.6
Oxydation (PA)	%	73	69	85	94



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	71	69	82	83
Sulfatation (PA)	%	58	53	63	66
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	8	8
Sodium	ppm	2	2	4	2
Potassium	ppm	6	2	3	5



MÉTAUX D'USURE

Fer	ppm	4	3	4	5
Cuivre	ppm	3	2	2	2
Plomb	ppm	<1	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	3	2	2	2
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	59	59	58	60
Nickel	ppm	<1	<1	0	0
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	1044	1117	883	1132
Magnésium	ppm	996	984	1098	983
Zinc	ppm	1211	1214	1216	1195
Phosphore	ppm	1047	1071	1087	1058
Baryum	ppm	0	0	0	0
Bore	ppm	2	4	22	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: COMTOR
Unique No: 5618993
Signed: Wes Davis
Report Date: 03 Aug 2023



GRAPHS

