

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 124550-1216 - Diesel Engine

Sample No: LH0278733

Oil Type: PETRO CANADA 10W40



COMBINED METAL INDUSTRIES-PUBLIC YARD
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CA M9L 1M7
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278733	LH0278894	LH0270140	LH0270577
Date d'échant.	04 Mar 2024	09 Jan 2024	27 Sep 2023	01 Aug 2023
Heures de la Machine	14018	13772	12565	11935
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	12.5	13.2	12.9	13.1
Oxydation (PA)	%	66	69	75	73



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	64	71	71	71
Sulfatation (PA)	%	52	54	57	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	1.6	<1.0	<1.0	<1.0
Silicium	ppm	7	7	7	6
Sodium	ppm	2	1	2	2
Potassium	ppm	<1	<1	4	6



MÉTAUX D'USURE

Fer	ppm	3	3	4	4
Cuivre	ppm	2	2	2	3
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	2	2	3
Chrome	ppm	0	0	0	<1
Molybdène	ppm	58	56	59	59
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	936	1129	1066	1044
Magnésium	ppm	1015	943	982	996
Zinc	ppm	1165	1167	1198	1211
Phosphore	ppm	1004	986	959	1047
Baryum	ppm	0	0	<1	0
Bore	ppm	22	2	<1	2

Diagnostic

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: COMTOR
Unique No: 5737527
Signed: Kevin Marson
Report Date: 11 Mar 2024



GRAPHS

