



LIEBHERR LH50M 138820-1216 - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 40



Information sur l'échantillon

Numéro d'échant.	LH	LH0279438	LH	LH0260716
Date d'échant.	01 May 2024	11 Dec 2023	10 Sep 2023	26 May 2023
Heures de la Machine	1000	2140	950	950
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	N/A	N/A
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

D.P. Metal Inc.

373A Chemin Grande-Ligne
Saint-Urbain Premier, QC
CA J0S 1Y0

Contact: Service .



État d'huile

Visc 100°C	cSt	11.5	13.2	13.1	11.4
Oxydation (PA)	%	95	65	67	88

T: (450)427-0506

F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	86	69	69	79
Sulfatation (PA)	%	63	52	54	60
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	0.6	<1.0	<1.0	1.6
Silicium	ppm	7	6	8	8
Sodium	ppm	4	2	2	4
Potassium	ppm	<1	0	2	<1

Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	6	3	4	5
Cuivre	ppm	4	6	28	163
Plomb	ppm	0	1	2	4
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	1	2	1
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	61	60	57	60
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	878	1099	1109	888
Magnésium	ppm	1133	989	971	1112
Zinc	ppm	1238	1207	1222	1170
Phosphore	ppm	1024	998	1068	1068
Baryum	ppm	<1	<1	<1	2
Bore	ppm	21	2	3	35

Depot: DPMSAI

Unique No: 5773868

Signed: Kevin Marson

Report Date: 03 May 2024



Graphs

