

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 110921-1217 - Diesel Engine

Sample No: LH0281348

Oil Type: PETRO CANADA SUPREME 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0281348	LH0256301	LH0239026	LH0215646
Date d'échant.	17 Jan 2024	14 Apr 2023	03 Nov 2022	05 Nov 2021
Heures de la Machine	5548	8104	7291	0
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
997 CARPIN BEACH RD
SAULT ST MARIE, ON
CA P6A 6K4
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	12.4	13.7	12.8	11.4
Oxydation (PA)	%	86	79	89	109

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	1	0	0	0
Nitration (PA)	%	102	91	93	74
Sulfatation (PA)	%	66	57	64	78
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	11	7	10	5
Sodium	ppm	5	2	3	2
Potassium	ppm	1	3	11	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.



MÉTAUX D'USURE

Fer	ppm	26	5	7	4
Cuivre	ppm	3	2	3	7
Plomb	ppm	<1	1	1	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	5	3	7	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	62	66	59	50
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	873	1390	1138	897
Magnésium	ppm	1094	821	993	888
Zinc	ppm	1187	1254	1218	1175
Phosphore	ppm	1030	1140	1092	958
Baryum	ppm	0	0	<1	<1
Bore	ppm	17	12	3	3

Depot: AIMS AU
Unique No: 5736321
Signed: Wes Davis
Report Date: 01 Mar 2024



GRAPHS

