

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 084832-1203 - Diesel Engine

Sample No: LH0281234

Oil Type: PETRO CANADA SUPREME 5W30



Eacom Timber Corporation
100 Old Nairn Centre Road
Nairn Centre, ON
CA P0M 2L0
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0281234	LH0259870	LH0155345	LH0151750
Date d'échant.	23 Apr 2024	02 May 2023	29 Nov 2019	27 Sep 2019
Heures de la Machine	19219	18000	12058	11100
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	12.4	11.9	14.6	13.8
Oxydation (PA)	%	80	92	64	59



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	1	0	0.5	0.4
Nitration (PA)	%	99	89	79	72
Sulfatation (PA)	%	61	61	63	59
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	7	9	4
Sodium	ppm	5	4	<1	2
Potassium	ppm	<1	<1	<1	1



Métaux d'usure

Fer	ppm	19	4	10	9
Cuivre	ppm	6	2	2	1
Plomb	ppm	0	<1	<1	0
Étain	ppm	0	0	0	<1
Aluminium	ppm	6	1	3	3
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	61	61	60	43
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	837	869	1207	1499
Magnésium	ppm	1161	1098	994	569
Zinc	ppm	1232	1183	1268	1146
Phosphore	ppm	1049	1061	1091	985
Baryum	ppm	0	0	<1	<1
Bore	ppm	25	30	2	6

T:
F:

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: EACNAI
Unique No: 5776084
Signed: Wes Davis
Report Date: 13 May 2024



Graphs

