

LIEBHERR

CONSTRUCTION EQUIPMENT



[(350504)] LIEBHERR LH50M 129748-1216 - Diesel Engine

Sample No: LH0259930

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.	LH0259930	LH0202638	LH0215215	LH0215233
Date d'échant.	26 Jun 2023	23 Jun 2022	03 May 2022	25 Feb 2022
Heures de la Machine	8000	4614	4000	3000
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	11.8	11.7	11.8	11.4
Oxydation (PA)	%	91	79	77	80



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	90	84	78	82
Sulfatation (PA)	%	61	58	58	60
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	7	6
Sodium	ppm	5	4	4	4
Potassium	ppm	<1	0	<1	<1



MÉTAUX D'USURE

Fer	ppm	4	3	3	4
Cuivre	ppm	2	2	2	2
Plomb	ppm	0	<1	0	<1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	<1	2	1	1
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	59	59	60	58
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	825	836	869	814
Magnésium	ppm	1128	1140	1162	1177
Zinc	ppm	1206	1243	1293	1241
Phosphore	ppm	1072	1106	1127	1094
Baryum	ppm	0	0	0	0
Bore	ppm	25	25	41	42

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: 5643110
Signed: Wes Davis
Report Date: 14 Sep 2023



GRAPHS

