

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(353690)] LIEBHERR LH60M 131944-1475 - Diesel Engine

Sample No: LH0187157

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.	LH0187157	LH0221742	LH0192918	LH0214052
Date d'échant.	16 Dec 2022	27 Nov 2022	10 Sep 2022	17 Jun 2022
Heures de la Machine	6000	0	5232	4071
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	12.0	12.0	11.9	11.9
Oxydation (PA)	%	89	83	100	112



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	94	88	96	103
Sulfatation (PA)	%	60	60	66	76
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	7	7
Sodium	ppm	4	5	5	5
Potassium	ppm	<1	<1	3	6



#### MÉTAUX D'USURE

Fer	ppm	4	3	5	10
Cuivre	ppm	1	<1	2	3
Plomb	ppm	0	0	<1	0
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	2	4	5
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	60	61	61	62
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	834	854	869	847
Magnésium	ppm	1126	1156	1187	1212
Zinc	ppm	1222	1279	1299	1300
Phosphore	ppm	1102	1152	1146	1139
Baryum	ppm	0	0	0	<1
Bore	ppm	26	30	15	23

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: 5643102  
Signed: Wes Davis  
Report Date: 14 Sep 2023



### GRAPHS

