

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(349194)] LIEBHERR L556 062416-1757 - Diesel Engine

Sample No: LH0276957

Oil Type: PETRO CANADA SUPREME 5W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276957	LH0250672	LH0250614	LH0221732
Date d'échant.	15 Nov 2023	15 Jun 2023	29 Mar 2023	21 Nov 2022
Heures de la Machine	12627	11000	10270	9136
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

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



#### ÉTAT D'HUILE

Visc 100°C	cSt	11.8	11.8	12.0	11.9
Oxydation (PA)	%	112	86	93	83

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0.5
Nitration (PA)	%	96	83	88	83
Sulfatation (PA)	%	68	59	61	56
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	8	6	7
Sodium	ppm	5	5	5	5
Potassium	ppm	2	<1	0	<1

#### Diagnostic

We advise that you check for faulty combustion and a possible overheat condition. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. A small degree of oil oxidation was indicated. The oil is no longer serviceable.



#### MÉTAUX D'USURE

Fer	ppm	13	7	6	4
Cuivre	ppm	3	3	2	2
Plomb	ppm	<1	<1	0	<1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	2	2	1	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	58	56	59	58
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	838	810	880	888
Magnésium	ppm	1116	1073	1095	1105
Zinc	ppm	1200	1155	1200	1233
Phosphore	ppm	1012	1016	1087	1085
Baryum	ppm	0	0	0	0
Bore	ppm	15	25	27	28

Depot: EACNAI  
 Unique No: 5697944  
 Signed: Kevin Marson  
 Report Date: 22 Dec 2023



### GRAPHS

