

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 119193-1253 - Diesel Engine

Sample No: LH0278602

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278602	LH0270555	LH0261284	LH0234937
Date d'échant.	06 Feb 2024	04 Oct 2023	19 Apr 2023	14 Nov 2022
Heures de la Machine	5666	5149	4489	3951
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	ABNORMAL	NORMAL	ABNORMAL

#### BRIGHTON RECYCLING

686 COUNTY RD 64  
BRIGHTON, ON  
CA K0K 1H0  
Contact: Angel Guan  
angel@brightonrecycling.ca  
T: (613)475-1001  
F: (613)475-1097



#### ÉTAT D'HUILE

Visc 100°C	cSt	12.8	12.3	12.2	11.0
Oxydation (PA)	%	63	74	62	92



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	67	76	65	85
Sulfatation (PA)	%	51	58	52	65
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	2
Silicium	ppm	5	7	7	7
Sodium	ppm	1	4	2	5
Potassium	ppm	<1	5	<1	3

#### 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	3	7	4	6
Cuivre	ppm	2	6	3	8
Plomb	ppm	<1	3	<1	2
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	0	<1	0	0
Molybdène	ppm	57	60	56	56
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1057	1039	1160	838
Magnésium	ppm	948	964	915	1078
Zinc	ppm	1165	1172	1176	1145
Phosphore	ppm	1007	943	1069	995
Baryum	ppm	0	<1	0	0
Bore	ppm	1	1	11	16

Depot: BRI686BRI  
Unique No: 5736290  
Signed: Wes Davis  
Report Date: 01 Mar 2024



### GRAPHS

