

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 119193-1253 - Diesel Engine

Sample No: LH0270555

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270555	LH0261284	LH0234937	LH0230633
Date d'échant.	04 Oct 2023	19 Apr 2023	14 Nov 2022	06 Jun 2022
Heures de la Machine	5149	4489	3951	3290
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	ABNORMAL	NORMAL	ABNORMAL	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	12.3	12.2	11.0	11.4
Oxydation (PA)	%	74	62	92	79



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	76	65	85	85
Sulfatation (PA)	%	58	52	65	63
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	2	1.9
Silicium	ppm	7	7	7	8
Sodium	ppm	4	2	5	5
Potassium	ppm	5	<1	3	2



#### MÉTAUX D'USURE

Fer	ppm	7	4	6	5
Cuivre	ppm	6	3	8	5
Plomb	ppm	3	<1	2	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	2	2	2	1
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	60	56	56	52
Nickel	ppm	0	0	<1	0
Titane	ppm	0	<1	<1	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1039	1160	838	975
Magnésium	ppm	964	915	1078	1039
Zinc	ppm	1172	1176	1145	1257
Phosphore	ppm	943	1069	995	1103
Baryum	ppm	<1	0	0	0
Bore	ppm	1	11	16	41

#### Diagnostic

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Light concentration of visible metal present. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: BRI686BRI  
Unique No: 5657285  
Signed: Kevin Marson  
Report Date: 12 Oct 2023



### GRAPHS

