

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40C 117763-1527 - Diesel Engine

Sample No: LH0291156

Oil Type: PETRO CANADA 10W40



#### Information sur l'échantillon

Numéro d'échant.	LH0291156	LH0285111	LH0270260	LH0256610
Date d'échant.	06 May 2024	08 Feb 2024	25 Sep 2023	13 Apr 2023
Heures de la Machine	7044	6604	5976	5457
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**MOFFATT SCRAP IRON & METAL INC.**  
 9620 GUELPH LINE  
 CAMPBELLVILLE, ON  
 CA L0P 1B0  
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#### État d'huile

Visc 100°C	cSt	13.1	12.6	13.0	12.8
Oxydation (PA)	%	61	68	61	58



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	65	78	70	63
Sulfatation (PA)	%	51	55	51	50
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	7	8	6
Sodium	ppm	1	1	2	1
Potassium	ppm	0	<1	1	<1

#### 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	4	3	3
Cuivre	ppm	2	2	2	1
Plomb	ppm	0	1	1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	2	<1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	58	57	61	60
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	1077	1188	1084	1164
Magnésium	ppm	962	930	1003	962
Zinc	ppm	1181	1189	1229	1206
Phosphore	ppm	972	1004	1057	1098
Baryum	ppm	0	0	<1	0
Bore	ppm	4	2	3	6

Depot: MOFMOF  
 Unique No: 5774920  
 Signed: Wes Davis  
 Report Date: 07 May 2024



### Graphs

