

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40C 117763-1527 - Diesel Engine

Sample No: LH0285111

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285111	LH0270260	LH0256610	LH0247079
Date d'échant.	08 Feb 2024	25 Sep 2023	13 Apr 2023	16 Dec 2022
Heures de la Machine	6604	5976	5457	5012
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	12.6	13.0	12.8	12.7
Oxydation (PA)	%	68	61	58	65



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	78	70	63	73
Sulfatation (PA)	%	55	51	50	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	8	6	7
Sodium	ppm	1	2	1	1
Potassium	ppm	<1	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	4	3	3	3
Cuivre	ppm	2	2	1	3
Plomb	ppm	1	1	<1	2
Étain	ppm	0	0	<1	<1
Aluminium	ppm	2	<1	1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	57	61	60	60
Nickel	ppm	<1	0	0	0
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	1188	1084	1164	1109
Magnésium	ppm	930	1003	962	967
Zinc	ppm	1189	1229	1206	1199
Phosphore	ppm	1004	1057	1098	1097
Baryum	ppm	0	<1	0	0
Bore	ppm	2	3	6	<1

Depot: MOFMOF

Unique No: 5723694

Signed: Wes Davis

Report Date: 09 Feb 2024



### GRAPHS

