

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 117763-1527 - Diesel Engine

Sample No: LH0270260

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270260	LH0256610	LH0247079	LH0203167
Date d'échant.	25 Sep 2023	13 Apr 2023	16 Dec 2022	15 Jul 2022
Heures de la Machine	5976	5457	5012	4444
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	13.0	12.8	12.7	12.5
Oxydation (PA)	%	61	58	65	62



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	70	63	73	67
Sulfatation (PA)	%	51	50	55	52
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	6	7	8
Sodium	ppm	2	1	1	2
Potassium	ppm	1	<1	<1	1



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	1084	1164	1109	1075
Magnésium	ppm	1003	962	967	972
Zinc	ppm	1229	1206	1199	1236
Phosphore	ppm	1057	1098	1097	1004
Baryum	ppm	<1	0	0	0
Bore	ppm	3	6	<1	5

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.

Depot: MOFMOF
 Unique No: 5646226
 Signed: Bill Quesnel
 Report Date: 26 Sep 2023



GRAPHS

