

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363344)] LIEBHERR LH40C 135581-1527 - Diesel Engine

Sample No: LH0270109

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0270109	LH0265820	LH0256850	LH0251906
Date d'échant.	25 Sep 2023	28 Jun 2023	05 Apr 2023	12 Jan 2023
Heures de la Machine	4405	3831	3230	2648
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CANADA IRON AND METAL CO. LTD.
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 TORONTO, ON
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ÉTAT D'HUILE

Visc 100°C	cSt	13.2	13.1	13.0	12.9
Oxydation (PA)	%	66	63	63	68



CONTAMINATION

Eau	%	---	---	0.026	---
% de suie	%	0	0	0	0
Nitration (PA)	%	66	63	67	69
Sulfatation (PA)	%	52	51	59	55
Glycol	%	NEG	NEG	0.0	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	5	6	6
Sodium	ppm	2	1	1	2
Potassium	ppm	<1	1	0	0

Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.
 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	3	3	3
Cuivre	ppm	3	2	2	4
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	<1	1	1	2
Chrome	ppm	0	<1	0	0
Molybdène	ppm	61	57	59	57
Nickel	ppm	0	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1066	1026	1139	1084
Magnésium	ppm	989	964	960	934
Zinc	ppm	1217	1162	1184	1162
Phosphore	ppm	1007	1050	1074	1030
Baryum	ppm	<1	0	0	0
Bore	ppm	3	3	5	2

Depot: CAN353TOR
 Unique No: 5646223
 Signed: Wes Davis
 Report Date: 26 Sep 2023



GRAPHS

