

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0265820

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0265820	LH0256850	LH0251906	LH0242644
Date d'échant.	28 Jun 2023	05 Apr 2023	12 Jan 2023	05 Oct 2022
Heures de la Machine	3831	3230	2648	1988
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CANADA IRON AND METAL CO. LTD.
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ÉTAT D'HUILE

Visc 100°C	cSt	13.1	13.0	12.9	13.1
Oxydation (PA)	%	63	63	68	65



CONTAMINATION

Eau	%	---	0.026	---	---
% de suie	%	0	0	0	0
Nitration (PA)	%	63	67	69	63
Sulfatation (PA)	%	51	59	55	54
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	6	7
Sodium	ppm	1	1	2	2
Potassium	ppm	1	0	0	<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	3	3	3
Cuivre	ppm	2	2	4	10
Plomb	ppm	<1	<1	<1	1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	2	2
Chrome	ppm	<1	0	0	0
Molybdène	ppm	57	59	57	58
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1026	1139	1084	1076
Magnésium	ppm	964	960	934	994
Zinc	ppm	1162	1184	1162	1196
Phosphore	ppm	1050	1074	1030	1080
Baryum	ppm	0	0	0	0
Bore	ppm	3	5	2	4

Depot: CAN353TOR
 Unique No: 5604298
 Signed: Wes Davis
 Report Date: 29 Jun 2023



GRAPHS

