

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0296395

Oil Type: DIESEL ENGINE OIL SAE 40



Information sur l'échantillon

Numéro d'échant.	LH0296395	LH0278779	LH0277659	LH0270109
Date d'échant.	07 Jul 2024	15 Feb 2024	07 Dec 2023	25 Sep 2023
Heures de la Machine	8400	5458	4925	4405
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CANADA IRON AND METAL CO. LTD.
 3534 DUNDAS STREET WEST
 TORONTO, ON
 CA M6S 2S1
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État d'huile

Visc 100°C	cSt	13.8	13.3	13.2	13.2
Oxydation (PA)	%	60	62	62	66



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	57	60	60	66
Sulfatation (PA)	%	51	53	51	52
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	6	6
Sodium	ppm	1	<1	2	2
Potassium	ppm	<1	<1	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	2	2	3	3
Cuivre	ppm	<1	1	2	3
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	1	1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	56	56	56	61
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	983	1093	1134	1066
Magnésium	ppm	931	945	917	989
Zinc	ppm	1162	1169	1176	1217
Phosphore	ppm	968	1013	950	1007
Baryum	ppm	<1	0	<1	<1
Bore	ppm	3	2	3	3

Depot: CAN353TOR
 Unique No: 5811639
 Signed: Wes Davis
 Report Date: 08 Jul 2024



Graphs

