

LIEBHERR

CONSTRUCTION EQUIPMENT



[(340260)] LIEBHERR LH40C 127925-1527 - Diesel Engine

Sample No: LH0277658

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277658	LH0270151	LH0251578	LH0251901
Date d'échant.	07 Dec 2023	27 Sep 2023	05 Apr 2023	12 Jan 2023
Heures de la Machine	7010	6592	5459	4907
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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 TORONTO, ON
 CA M6S 2S1
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ÉTAT D'HUILE

Visc 40°C	cSt	91.3	---	---	---
Visc 100°C	cSt	13.5	13.4	13.4	13.4
Indice de viscosité (VI)	Scale	149	---	---	---
Oxydation (PA)	%	62	68	64	69



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	60	68	68	70
Sulfatation (PA)	%	51	53	59	56
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	6	6	7
Sodium	ppm	2	2	1	2
Potassium	ppm	<1	0	0	0



MÉTAUX D'USURE

Fer	ppm	3	3	3	3
Cuivre	ppm	2	2	2	2
Plomb	ppm	<1	1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	<1	1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	56	59	59	56
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1163	1055	1127	1086
Magnésium	ppm	915	974	944	943
Zinc	ppm	1179	1200	1169	1169
Phosphore	ppm	961	997	1068	1057
Baryum	ppm	<1	<1	0	0
Bore	ppm	3	3	5	4

Diagnostic

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Light concentration of visible metal present. All other 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: CAN353TOR
 Unique No: 5695054
 Signed: Kevin Marson
 Report Date: 14 Dec 2023



GRAPHS

