

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0285017

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285017	LH0277658	LH0270151	LH0251578
Date d'échant.	15 Feb 2024	07 Dec 2023	27 Sep 2023	05 Apr 2023
Heures de la Machine	7504	7010	6592	5459
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.
 3534 DUNDAS STREET WEST
 TORONTO, ON
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ÉTAT D'HUILE

Visc 40°C	cSt	---	91.3	---	---
Visc 100°C	cSt	13.7	13.5	13.4	13.4
Indice de viscosité (VI)	Scale	---	149	---	---
Oxydation (PA)	%	63	62	68	64

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.



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	61	60	68	68
Sulfatation (PA)	%	53	51	53	59
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	6	6
Sodium	ppm	<1	2	2	1
Potassium	ppm	<1	<1	0	0



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	1099	1163	1055	1127
Magnésium	ppm	946	915	974	944
Zinc	ppm	1173	1179	1200	1169
Phosphore	ppm	1008	961	997	1068
Baryum	ppm	<1	<1	<1	0
Bore	ppm	2	3	3	5

Depot: CAN353TOR
 Unique No: 5733316
 Signed: Wes Davis
 Report Date: 16 Feb 2024



GRAPHS

