

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60C 126868-1528 - Diesel Engine

Sample No: LH0274850

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274850	LH0251655	LH0251544	LH0239580
Date d'échant.	27 Sep 2023	16 May 2023	27 Feb 2023	02 Aug 2022
Heures de la Machine	4769	4289	0	2537
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

GERDAU AMERISTEEL

2025 RIVER RD.

LONDON, ON

CA N5W 6C4

Contact: Scott MacDonald



ÉTAT D'HUILE

Visc 100°C	cSt	14.0	11.7	11.5	11.4
Oxydation (PA)	%	61	94	96	89

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CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	49	91	91	89
Sulfatation (PA)	%	52	61	66	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1.6
Silicium	ppm	9	6	7	7
Sodium	ppm	4	4	4	4
Potassium	ppm	8	1	1	3

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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	5	5	6	4
Cuivre	ppm	15	1	2	2
Plomb	ppm	3	0	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	2	2	3
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	45	60	59	57
Nickel	ppm	0	<1	0	0
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1150	869	894	866
Magnésium	ppm	909	1103	1107	1110
Zinc	ppm	1110	1219	1232	1241
Phosphore	ppm	970	1091	1107	1041
Baryum	ppm	23	0	0	0
Bore	ppm	32	27	24	18

Depot: GER202LON

Unique No: 5646893

Signed: Kevin Marson

Report Date: 28 Sep 2023



GRAPHS

