

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 067666-1760 - Diesel Engine

Sample No: LH0176029

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0176029	LH0234002	---	---
Date d'échant.	02 Aug 2023	15 Dec 2022	---	---
Heures de la Machine	1520	1018	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

WEST CARLETON SAND & GRAVEL INC.
3232 CARP ROAD
CARP, ON
CA K0A 1L0
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F:



ÉTAT D'HUILE

Visc 100°C	cSt	13.1	11.3	---	---
Oxydation (PA)	%	55	83	---	---



CONTAMINATION

% de suie	%	0	0	---	---
Nitration (PA)	%	51	62	---	---
Sulfatation (PA)	%	53	65	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	0.9	---	---
Silicium	ppm	6	6	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	<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	4	6	---	---
Cuivre	ppm	7	23	---	---
Plomb	ppm	<1	1	---	---
Étain	ppm	<1	<1	---	---
Aluminium	ppm	<1	1	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	57	54	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	<1	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	1072	1115	---	---
Magnésium	ppm	979	926	---	---
Zinc	ppm	1185	1111	---	---
Phosphore	ppm	1044	993	---	---
Baryum	ppm	1	4	---	---
Bore	ppm	2	10	---	---

Depot: WES654STI
Unique No: 5629752
Signed: Wes Davis
Report Date: 18 Aug 2023



GRAPHS

