

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 067666-1760 - Splitter Box

Sample No: LH0233938

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0233938	LH0176022	LH0234004	---
Date d'échant.	22 Jan 2024	02 Aug 2023	15 Dec 2022	---
Heures de la Machine	5478	1520	1018	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	SEVERE	NORMAL	NORMAL	---

WEST CARLETON SAND & GRAVEL INC.
3232 CARP ROAD
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F:



ÉTAT D'HUILE

Visc 40°C	cSt	104	101	164	---
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CONTAMINATION

Eau	%	1.750	NEG	NEG	---
Silicium	ppm	4	2	4	---
Sodium	ppm	3	2	6	---
Potassium	ppm	2	<1	1	---



MÉTAUX D'USURE

PQ		1	---	0	---
Fer	ppm	1443	54	101	---
Cuivre	ppm	496	2	1	---
Plomb	ppm	12	0	<1	---
Étain	ppm	1	0	0	---
Aluminium	ppm	<1	<1	1	---
Chrome	ppm	8	<1	<1	---
Molybdène	ppm	0	<1	1	---
Nickel	ppm	<1	<1	3	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	9	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	15	14	27	---
Magnésium	ppm	1	4	10	---
Zinc	ppm	67	21	60	---
Phosphore	ppm	1424	1361	1850	---
Baryum	ppm	0	4	24	---
Bore	ppm	166	257	10	---

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Copper and iron ppm levels are severe. Chromium ppm levels are abnormal. Lead ppm levels are noted. Bearing and/or bushing wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a high concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: WES654STI
Unique No: 5723206
Signed: Kevin Marson
Report Date: 08 Feb 2024



GRAPHS

