

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 059181-1756 - Front Differential

Sample No: LH0245750

Oil Type: SHELL SPIRAX HD 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0245750	LH0221709	---	---
Date d'échant.	27 Sep 2023	05 Oct 2022	---	---
Heures de la Machine	3336	1026	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

AV Terrace Bay Inc.

21 Mill Rd.

Terrace Bay, ON

CA P0T 2W0

Contact: Naqshe Iqbal

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ÉTAT D'HUILE

Visc 40°C	cSt	177	53.9	---	---
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CONTAMINATION

Silicium	ppm	8	10	---	---
Sodium	ppm	8	19	---	---
Potassium	ppm	0	<1	---	---



MÉTAUX D'USURE

Fer	ppm	230	98	---	---
Cuivre	ppm	52	39	---	---
Plomb	ppm	2	1	---	---
Étain	ppm	2	1	---	---
Aluminium	ppm	2	3	---	---
Chrome	ppm	2	1	---	---
Molybdène	ppm	32	14	---	---
Nickel	ppm	1	2	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	25	41	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	349	3697	---	---
Magnésium	ppm	6	10	---	---
Zinc	ppm	103	1409	---	---
Phosphore	ppm	2130	1243	---	---
Baryum	ppm	<1	<1	---	---
Bore	ppm	8	106	---	---

Diagnostic

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: AVTTER

Unique No: 5658030

Signed: Kevin Marson

Report Date: 16 Oct 2023



GRAPHS

