

LIEBHERR

CONSTRUCTION EQUIPMENT



[(368664)] LIEBHERR L550 062917-1756 -Rear Differential

Sample No: LH0270291

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270291	LH0261520	LH0242588	---
Date d'échant.	13 Mar 2024	17 May 2023	08 Nov 2022	---
Heures de la Machine	5152	3364	2133	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	SEVERE	SEVERE	SEVERE	---

MILLER PAVING LTD.

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 MARKHAM, ON
 CA L6G 1B2
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ÉTAT D'HUILE

Visc 40°C	cSt	172	102	193	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	11	10	33	---
Sodium	ppm	2	3	13	---
Potassium	ppm	<1	0	0	---



MÉTAUX D'USURE

Fer	ppm	167	225	792	---
Cuivre	ppm	78	127	301	---
Plomb	ppm	2	3	8	---
Étain	ppm	6	7	24	---
Aluminium	ppm	1	1	4	---
Chrome	ppm	<1	1	5	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	3	2	8	---
Titane	ppm	0	0	<1	---
Argent	ppm	2	0	0	---
Manganèse	ppm	8	13	61	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	9	12	10	---
Magnésium	ppm	3	2	2	---
Zinc	ppm	33	30	69	---
Phosphore	ppm	2409	2778	2349	---
Baryum	ppm	0	0	0	---
Bore	ppm	36	229	2	---

Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Copper ppm levels are severe. Tin ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MIL408MAR2
 Unique No: 5747219
 Signed: Kevin Marson
 Report Date: 15 Mar 2024



GRAPHS

