

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347725)] LIEBHERR T60-9 022086-1709 - Front Left Wheel

Sample No: LH0270569

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270569	LH0227325	---	---
Date d'échant.	14 Sep 2023	18 Mar 2022	---	---
Heures de la Machine	2083	810	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	Changed	---	---
Statut de l'échant.	SEVERE	NORMAL	---	---

A.M.I ATTACHMENTS INC.
 1270 GEDDES STREET
 HAWKESVILLE, ON
 CA N0B 1X0
 Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	51.7	181	---	---
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T:
F:



CONTAMINATION

Silicium	ppm	18	30	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	<1	1	---	---



MÉTAUX D'USURE

Fer	ppm	291	432	---	---
Cuivre	ppm	217	82	---	---
Plomb	ppm	5	9	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	1	---	---
Chrome	ppm	1	2	---	---
Molybdène	ppm	<1	<1	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	<1	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	2	7	---	---
Vanadium	ppm	0	0	---	---

Diagnostic

We advise that you check for visible metal particles in the oil. The oil is near the end of its useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. Lead ppm levels are abnormal. Moderate concentration of visible metal present. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Calcium ppm levels are abnormally high. Zinc ppm levels are abnormally high. Sulfur ppm levels are abnormally low. Visc @ 40°C is abnormally low. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



ADDITIFS

Calcium	ppm	2321	75	---	---
Magnésium	ppm	12	1	---	---
Zinc	ppm	1024	87	---	---
Phosphore	ppm	1173	2297	---	---
Baryum	ppm	2	8	---	---
Bore	ppm	69	20	---	---

Depot: AMIHAW
 Unique No: 5643994
 Signed: Bill Quesnel
 Report Date: 19 Sep 2023



GRAPHS

