

LIEBHERR

CONSTRUCTION EQUIPMENT



[(335553)] LIEBHERR T60-9s 021026-1709 - Transmission (M)

Sample No: LH0284148

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284148	LH0260745	LH	---
Date d'échant.	13 Mar 2024	18 May 2023	18 May 2023	---
Heures de la Machine	2824	2330	2330	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changed	N/A	N/A	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

9168-3094 QC INC.

379 DU COLLEGE

St Donat de Montcalm, QC

CA J0T 2C0

Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	140	72.9	55.3	---
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T:

F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	15	3	3	---
Sodium	ppm	2	2	2	---
Potassium	ppm	6	1	<1	---

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as LIEBHERR GEAR BASIC 90 LS, however, a fluid match indicates that this fluid is SAE 90 Gear Oil. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	88	27	17	---
Cuivre	ppm	<1	2	2	---
Plomb	ppm	0	1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	<1	0	<1	---
Molybdène	ppm	<1	0	0	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	14	669	899	---
Magnésium	ppm	2	3	5	---
Zinc	ppm	10	387	529	---
Phosphore	ppm	432	1408	1009	---
Baryum	ppm	<1	0	0	---
Bore	ppm	1	<1	1	---

Depot: 916STD

Unique No: 5747194

Signed: Kevin Marson

Report Date: 14 Mar 2024



GRAPHS

