

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Transmission (Manual)

Sample No: LH0274760

Oil Type: GEAR OIL SAE 80W90



American Iron and Metal
140 DOWTY ROAD
AJAX, ON
CA L1S 1P7
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274760	LH0251809	---	---
Date d'échant.	23 Aug 2023	09 Mar 2023	---	---
Heures de la Machine	1252	561	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	ABNORMAL	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	51.2	173	---	---
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CONTAMINATION

Silicium	ppm	3	2	---	---
Sodium	ppm	35	3	---	---
Potassium	ppm	3	1	---	---



MÉTAUX D'USURE

PQ		---	226	---	---
Fer	ppm	20	269	---	---
Cuivre	ppm	31	32	---	---
Plomb	ppm	10	2	---	---
Étain	ppm	1	1	---	---
Aluminium	ppm	4	0	---	---
Chrome	ppm	<1	2	---	---
Molybdène	ppm	26	0	---	---
Nickel	ppm	<1	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	21	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	2294	15	---	---
Magnésium	ppm	414	<1	---	---
Zinc	ppm	1168	10	---	---
Phosphore	ppm	1129	2372	---	---
Baryum	ppm	<1	4	---	---
Bore	ppm	7	18	---	---

T:
F:

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. 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.

Depot: AME140AJA
Unique No: 5631210
Signed: Kevin Marson
Report Date: 25 Aug 2023



GRAPHS

