

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Front Differential

Sample No: LH0274757

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.	LH0274757	LH0256571	---	---
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.	NORMAL	NORMAL	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	107	● 173	---	---
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CONTAMINATION

Silicium	ppm	● 3	● 2	---	---
Sodium	ppm	● <1	● 3	---	---
Potassium	ppm	● <1	● <1	---	---



MÉTAUX D'USURE

Fer	ppm	● 2	● 6	---	---
Cuivre	ppm	● 25	● 19	---	---
Plomb	ppm	● <1	● <1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● <1	● 0	---	---
Chrome	ppm	● 0	● 0	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	● 6	● 5	---	---
Magnésium	ppm	● 2	● 0	---	---
Zinc	ppm	● 19	● 14	---	---
Phosphore	ppm	● 1300	● 1408	---	---
Baryum	ppm	● 14	● 295	---	---
Bore	ppm	● 297	● 31	---	---

T:
F:

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: AME140AJA
Unique No: 5631271
Signed: Wes Davis
Report Date: 24 Aug 2023



GRAPHS

