

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Front Differential

Sample No: LH0270192

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.	LH0270192	LH0274757	LH0256571	---
Date d'échant.	27 Feb 2024	23 Aug 2023	09 Mar 2023	---
Heures de la Machine	2406	1252	561	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	104	107	173	---



CONTAMINATION

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



MÉTAUX D'USURE

Fer	ppm	1	2	6	---
Cuivre	ppm	12	25	19	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	0	---
Chrome	ppm	0	0	0	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	9	6	5	---
Magnésium	ppm	1	2	0	---
Zinc	ppm	13	19	14	---
Phosphore	ppm	1128	1300	1408	---
Baryum	ppm	0	14	295	---
Bore	ppm	291	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: 5735875
Signed: Wes Davis
Report Date: 28 Feb 2024



GRAPHS

