

LIEBHERR

CONSTRUCTION EQUIPMENT



[(352615)] LIEBHERR LH50M 131737-1216 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0256435	---	---
Sample Date	06 Feb 2024	03 Apr 2023	---	---
Machine Hours	2904	2028	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

METAL EXPRESS (9055-2480 QUEBEC INC)
254 RUE RICHARD-AUDET
ROXTON FALLS, QC
CA J0H 1E0
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 180	● 182	---	---
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T: (450)522-5650
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 1	● <1	---	---
Sodium	ppm	● 3	● 4	---	---
Potassium	ppm	● <1	● <1	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	● 4	● 2	---	---
Copper	ppm	● 11	● 6	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 7	● 5	---	---
Magnesium	ppm	● <1	● 0	---	---
Zinc	ppm	● 12	● 9	---	---
Phosphorus	ppm	● 2249	● 2470	---	---
Barium	ppm	● 6	● 6	---	---
Boron	ppm	● <1	● <1	---	---

Depot: METROX
Unique No: 5723561
Signed: Wes Davis
Report Date: 12 Feb 2024



GRAPHS

