

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



PF Resolu Canada Inc.
5850 avenue des jardins
La Dore, QC
CA G8J 1B4
Contact: Dominic Caron



SAMPLE INFORMATION

Sample Number	LH	LH	LH0259740	---
Sample Date	11 Oct 2023	04 Jul 2023	17 May 2023	---
Machine Hours	4000	2000	1020	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	177	184	185	---
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T:
F:



CONTAMINATION

Silicon	ppm	<1	1	1	---
Sodium	ppm	2	1	1	---
Potassium	ppm	0	<1	0	---

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	5	6	6	---
Copper	ppm	11	23	25	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4	2	2	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	8	16	15	---
Phosphorus	ppm	2350	2340	2515	---
Barium	ppm	<1	<1	3	---
Boron	ppm	<1	2	2	---

Depot: ABILAD
Unique No: 5658450
Signed: Wes Davis
Report Date: 16 Oct 2023



GRAPHS

