

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Rear Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH	LH0259741	---
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	---

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



OIL CONDITION

Visc @ 40°C	cSt	177	180	177	---
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T:
F:



CONTAMINATION

Silicon	ppm	1	2	3	---
Sodium	ppm	2	3	3	---
Potassium	ppm	0	<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	51	58	55	---
Copper	ppm	5	11	18	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	5	17	48	---
Magnesium	ppm	0	<1	<1	---
Zinc	ppm	6	13	20	---
Phosphorus	ppm	2294	2373	2433	---
Barium	ppm	<1	0	0	---
Boron	ppm	<1	2	3	---

Depot: ABILAD
Unique No: 5658449
Signed: Wes Davis
Report Date: 16 Oct 2023



GRAPHS

