

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Front Left Wheel Hub

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	LH0259747	---	---
Sample Date	04 Jul 2023	17 May 2023	---	---
Machine Hours	2000	1020	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	177	174	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	9	12	---	---
Sodium	ppm	6	6	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	172	110	---	---
Copper	ppm	25	28	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	51	106	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	35	36	---	---
Phosphorus	ppm	2337	2319	---	---
Barium	ppm	0	0	---	---
Boron	ppm	4	3	---	---

T:
F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: ABILAD
Unique No: 5605912
Signed: Kevin Marson
Report Date: 10 Jul 2023



GRAPHS

