

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Front Right 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	LH	LH	LH0259748
Sample Date	30 Nov 2023	11 Oct 2023	04 Jul 2023	17 May 2023
Machine Hours	5000	4000	2000	1020
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	186	172	180	172
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	9	11
Sodium	ppm	3	4	7	5
Potassium	ppm	0	0	2	3



WEAR METALS

Iron	ppm	99	100	167	123
Copper	ppm	6	8	16	13
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	5	10	50	97
Magnesium	ppm	<1	<1	1	1
Zinc	ppm	10	15	32	25
Phosphorus	ppm	2280	2262	2288	2183
Barium	ppm	0	<1	0	0
Boron	ppm	<1	1	2	3

T:
F:

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.

Depot: ABILAD
 Unique No: 5685333
 Signed: Wes Davis
 Report Date: 01 Dec 2023



GRAPHS

