

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	LH	LH	LH
Sample Date	16 Jan 2024	30 Nov 2023	11 Oct 2023	04 Jul 2023
Machine Hours	6000	5000	4000	2000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	174	185	174	177
-------------	-----	-----	-----	-----	-----

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	7	8	9
Sodium	ppm	2	3	5	6
Potassium	ppm	<1	0	<1	2

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	97	117	152	172
Copper	ppm	8	11	14	25
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	<1	1	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	7	13	51
Magnesium	ppm	<1	<1	<1	2
Zinc	ppm	14	15	22	35
Phosphorus	ppm	2250	2291	2267	2337
Barium	ppm	0	0	<1	0
Boron	ppm	<1	1	1	4

Depot: ABILAD
Unique No: 5711104
Signed: Wes Davis
Report Date: 19 Jan 2024



GRAPHS

