

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

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F:



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	181	192	177	184
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	<1	1
Sodium	ppm	<1	<1	2	1
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	2	4	5	6
Copper	ppm	1	3	11	23
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2	8	4	2
Magnesium	ppm	<1	<1	0	<1
Zinc	ppm	4	5	8	16
Phosphorus	ppm	2343	2330	2350	2340
Barium	ppm	0	<1	<1	<1
Boron	ppm	<1	<1	<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.

Depot: ABILAD
Unique No: 5711106
Signed: Wes Davis
Report Date: 19 Jan 2024



GRAPHS

