

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358629)] LIEBHERR LH50M 133653-1216 - Rear Differential

Sample No: LH0153140

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0153140	LH0250025	LH0246621	LH0199465
Sample Date	29 Aug 2023	26 Jan 2023	28 Nov 2022	13 Oct 2022
Machine Hours	3000	10000	9038	7976
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	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	176	186	193	181
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T:
F:



CONTAMINATION

Silicon	ppm	2	1	1	<1
Sodium	ppm	2	1	2	1
Potassium	ppm	<1	0	0	<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	55	14	20	23
Copper	ppm	8	2	6	8
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	2	<1	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	6	<1	7
Magnesium	ppm	<1	0	0	<1
Zinc	ppm	13	3	5	7
Phosphorus	ppm	2382	2408	2383	2480
Barium	ppm	0	0	0	0
Boron	ppm	1	1	2	3

Depot: ABILAD
 Unique No: 5633538
 Signed: Wes Davis
 Report Date: 06 Sep 2023



GRAPHS

