

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Swing Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



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

PF Resolu Canada Inc.
 5850 avenue des jardins
 La Dore, QC
 CA G8J 1B4
 Contact: Dominic Caron



OIL CONDITION

Visc @ 40°C	cSt	181	188	180	179
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	1	1	<1
Sodium	ppm	<1	2	2	2
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	69	72	66	91
Copper	ppm	82	117	77	40
Lead	ppm	2	3	2	<1
Tin	ppm	5	8	7	2
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	3	3	13
Magnesium	ppm	7	<1	<1	1
Zinc	ppm	15	10	12	14
Phosphorus	ppm	2296	2301	2254	2354
Barium	ppm	0	<1	<1	1
Boron	ppm	<1	<1	<1	1

Depot: ABILAD
 Unique No: 5711109
 Signed: Wes Davis
 Report Date: 19 Jan 2024



GRAPHS

