

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Swing Drive

Sample No: LH0248017

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0248017	LH0248005	LH0247993	LH0247981
Sample Date	29 Nov 2023	19 Sep 2023	21 Jun 2023	04 Mar 2023
Machine Hours	4964	4001	2974	1918
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Scierie Girard Inc.

5872 Rte. Bouleaux (Route 172)

Shipshaw, QC

CA G7P 1E3

Contact: Service

benoit@scieriegirard.com

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OIL CONDITION

Visc @ 40°C	cSt	176	184	184	178



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	3	3	6
Sodium	ppm	1	4	3	4
Potassium	ppm	0	2	<1	1



WEAR METALS

Iron	ppm	63	184	149	245
Copper	ppm	55	74	78	104
Lead	ppm	1	3	2	3
Tin	ppm	2	8	7	11
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	1	<1	2
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	16	10	22
Magnesium	ppm	4	2	<1	<1
Zinc	ppm	12	32	20	27
Phosphorus	ppm	2231	2290	2352	2403
Barium	ppm	<1	4	4	7
Boron	ppm	1	6	7	9

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: SCISHI

Unique No: 5685815

Signed: Wes Davis

Report Date: 05 Dec 2023



GRAPHS

