

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Swing Drive

Sample No: LH0248005

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0248005	LH0247981	LH0247969	---
Sample Date	19 Sep 2023	04 Mar 2023	27 Feb 2023	---
Machine Hours	4001	1918	1406	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	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	184	178	177	---
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CONTAMINATION

Silicon	ppm	3	6	8	---
Sodium	ppm	4	4	4	---
Potassium	ppm	2	1	1	---



WEAR METALS

Iron	ppm	184	245	317	---
Copper	ppm	74	104	110	---
Lead	ppm	3	3	3	---
Tin	ppm	8	11	12	---
Aluminum	ppm	<1	2	2	---
Chromium	ppm	1	2	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	3	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	16	22	18	---
Magnesium	ppm	2	<1	<1	---
Zinc	ppm	32	27	27	---
Phosphorus	ppm	2290	2403	2341	---
Barium	ppm	4	7	7	---
Boron	ppm	6	9	10	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: SCISHI

Unique No: 5646085

Signed: Wes Davis

Report Date: 26 Sep 2023



GRAPHS

