

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Front Differential

Sample No: LH0248000

Oil Type: LIEBHERR GEAR BASIC 90 LS



Scierie Girard Inc.
 5872 Rte. Bouleaux (Route 172)
 Shipshaw, QC
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SAMPLE INFORMATION

Sample Number	LH0248000	LH0247976	LH0247964	---
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	---



OIL CONDITION

Visc @ 40°C	cSt	184	67.7	63.3	---
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CONTAMINATION

Silicon	ppm	2	10	11	---
Sodium	ppm	3	18	18	---
Potassium	ppm	<1	2	2	---



WEAR METALS

Iron	ppm	34	21	21	---
Copper	ppm	2	2	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	5	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	163	3834	3748	---
Magnesium	ppm	2	11	12	---
Zinc	ppm	69	1474	1434	---
Phosphorus	ppm	2280	1242	1240	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	6	101	103	---

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: 5646086
 Signed: Wes Davis
 Report Date: 26 Sep 2023



GRAPHS

