

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 143328-1253 - Front Left Wheel Hub

Sample No: LH0247995

Oil Type: LIEBHERR GEAR BASIC 90 LS



**Scierie Girard Inc.**  
 5872 Rte. Bouleaux (Route 172)  
 Shipshaw, QC  
 CA G7P 1E3  
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#### SAMPLE INFORMATION

Sample Number	LH0247995	LH0247983	LH0247971	---
Sample Date	21 Jun 2023	04 Mar 2023	27 Feb 2023	---
Machine Hours	2974	1918	1406	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	123	82.1	61.7	---
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#### CONTAMINATION

Silicon	ppm	4	5	5	---
Sodium	ppm	13	17	17	---
Potassium	ppm	0	2	1	---



#### WEAR METALS

Iron	ppm	71	44	50	---
Copper	ppm	16	27	25	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	3	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	1265	3794	3679	---
Magnesium	ppm	5	10	10	---
Zinc	ppm	535	1456	1421	---
Phosphorus	ppm	1912	1258	1235	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	20	97	98	---

#### 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: 5671368  
 Signed: Kevin Marson  
 Report Date: 08 Nov 2023



### GRAPHS

