

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 143328-1253 - Front Differential

Sample No: LH0247988

Oil Type: LIEBHERR GEAR BASIC 90 LS



**Scierie Girard Inc.**  
 5872 Rte. Bouleaux (Route 172)  
 Shipshaw, QC  
 CA G7P 1E3  
 Contact: Service  
 benoit@scieriegirard.com  
 T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0247988	LH0247976	LH0247964	---
Sample Date	21 Jun 2023	04 Mar 2023	27 Feb 2023	---
Machine Hours	2974	1918	1406	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### OIL CONDITION

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



#### CONTAMINATION

Silicon	ppm	<1	10	11	---
Sodium	ppm	2	18	18	---
Potassium	ppm	0	2	2	---



#### WEAR METALS

Iron	ppm	9	21	21	---
Copper	ppm	1	2	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	5	6	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	135	3834	3748	---
Magnesium	ppm	1	11	12	---
Zinc	ppm	57	1474	1434	---
Phosphorus	ppm	2327	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: 5671385  
 Signed: Wes Davis  
 Report Date: 06 Nov 2023



### GRAPHS

