

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Front Right Wheel Hub

Sample No: LH0247996

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	LH0247996	LH0247984	LH0247972	---
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	131	61.2	61.6	---
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CONTAMINATION

Silicon	ppm	3	5	5	---
Sodium	ppm	12	17	17	---
Potassium	ppm	0	2	1	---



WEAR METALS

Iron	ppm	40	38	45	---
Copper	ppm	15	22	20	---
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	<1	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1084	3712	3584	---
Magnesium	ppm	4	10	10	---
Zinc	ppm	468	1473	1401	---
Phosphorus	ppm	1976	1260	1229	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	16	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: 5671386
 Signed: Kevin Marson
 Report Date: 08 Nov 2023



GRAPHS

