

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Front Right Wheel Hub

Sample No: LH0248020

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	LH0248020	LH0248008	LH0247996	LH0247984
Sample Date	29 Nov 2023	19 Sep 2023	21 Jun 2023	04 Mar 2023
Machine Hours	4964	4001	2974	1918
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	172	129	131	61.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	5
Sodium	ppm	8	11	12	17
Potassium	ppm	0	<1	0	2



WEAR METALS

Iron	ppm	122	67	40	38
Copper	ppm	8	23	15	22
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	<1	<1	0
Manganese	ppm	1	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	267	1072	1084	3712
Magnesium	ppm	3	4	4	10
Zinc	ppm	65	449	468	1473
Phosphorus	ppm	2053	1851	1976	1260
Barium	ppm	<1	<1	<1	<1
Boron	ppm	5	12	16	97

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: 5685813
 Signed: Wes Davis
 Report Date: 05 Dec 2023



GRAPHS

