

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Front Right Wheel Hub

Sample No: LH0208258

Oil Type: LIEBHERR GEAR BASIC 90 LS



HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
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SAMPLE INFORMATION

Sample Number	LH0208258	LH0241856	LH0241865	---
Sample Date	07 Jun 2023	07 Jun 2023	18 Apr 2023	---
Machine Hours	1668	1668	1142	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	173	176	138	---
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CONTAMINATION

Silicon	ppm	4	4	7	---
Sodium	ppm	6	6	11	---
Potassium	ppm	1	<1	0	---



WEAR METALS

Iron	ppm	27	35	32	---
Copper	ppm	5	6	13	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	220	244	716	---
Magnesium	ppm	2	3	3	---
Zinc	ppm	87	108	351	---
Phosphorus	ppm	2301	2308	2124	---
Barium	ppm	0	0	0	---
Boron	ppm	8	7	21	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: HUBBOI
Unique No: 5607772
Signed: Kevin Marson
Report Date: 21 Jul 2023



GRAPHS

