

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 136518-1253 - Front Right Wheel Hub

Sample No: LH0228858

Oil Type: LIEBHERR GEAR BASIC 90 LS



CAC ENTERPRISES GROUP INC.
 2411 76th AVE
 EDMONTON, AB
 CA T6P 1P6
 Contact: Melody Cui
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SAMPLE INFORMATION

Sample Number	LH0228858	LH0228846	---	---
Sample Date	05 Jun 2023	16 Nov 2022	---	---
Machine Hours	2000	1000	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	186	68.2	---	---
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CONTAMINATION

Silicon	ppm	16	7	---	---
Sodium	ppm	8	13	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	88	16	---	---
Copper	ppm	10	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	457	3168	---	---
Magnesium	ppm	5	9	---	---
Zinc	ppm	151	1222	---	---
Phosphorus	ppm	2156	1389	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	12	86	---	---

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: CAC241EDM
 Unique No: 5620801
 Signed: Kevin Marson
 Report Date: 14 Aug 2023



GRAPHS

