

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 136518-1253 - Rear Right Wheel Hub

Sample No: LH0228860

Oil Type: LIEBHERR GEAR BASIC 90 LS



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

Sample Number	LH0228860	LH0228848	---	---
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	164	116	---	---
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CONTAMINATION

Silicon	ppm	8	4	---	---
Sodium	ppm	5	8	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	33	36	---	---
Copper	ppm	2	8	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	606	1532	---	---
Magnesium	ppm	4	5	---	---
Zinc	ppm	241	627	---	---
Phosphorus	ppm	2071	1865	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	19	37	---	---

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: 5620799
 Signed: Wes Davis
 Report Date: 14 Aug 2023



GRAPHS

