

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 136518-1253 - Front Differential

Sample No: LH0228850

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	LH0228850	LH0228838	---	---
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	182	75.0	---	---
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CONTAMINATION

Silicon	ppm	2	8	---	---
Sodium	ppm	2	13	---	---
Potassium	ppm	<1	<1	---	---



WEAR METALS

Iron	ppm	13	17	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	248	3122	---	---
Magnesium	ppm	2	9	---	---
Zinc	ppm	87	1211	---	---
Phosphorus	ppm	2325	1382	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	8	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: 5620796
 Signed: Wes Davis
 Report Date: 14 Aug 2023



GRAPHS

