

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 155749-1215 - Front Differential

Sample No: LH0286909

Oil Type: GEAR OIL SAE 80W90



MOFFATT SCRAP IRON & METAL INC.
 9620 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Paul Brochu
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 T: (905)854-2792
 F: (905)854-1225



SAMPLE INFORMATION

Sample Number	LH0286909	---	---	---
Sample Date	10 Mar 2024	---	---	---
Machine Hours	497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 170	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 4	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 5	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 6	---	---	---
Phosphorus	ppm	● 1353	---	---	---
Barium	ppm	● 272	---	---	---
Boron	ppm	● 38	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. 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: MOFMOF
 Unique No: 5746328
 Signed: Kevin Marson
 Report Date: 11 Mar 2024



GRAPHS

