

LIEBHERR

CONSTRUCTION EQUIPMENT



094706 -5 Differential

Sample No: LH0025294

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0025294	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8

Contact: Steve Lehto
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OIL CONDITION

Visc @ 40°C	cSt	● 92.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 18	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 373	---	---	---
Copper	ppm	● 78	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● 31	---	---	---
Zinc	ppm	● 50	---	---	---
Phosphorus	ppm	● 1384	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 223	---	---	---

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 75W90. 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: LIEMIS
Unique No: 5694103
Signed: Wes Davis
Report Date: 05 Dec 2023



GRAPHS

