

LIEBHERR

CONSTRUCTION EQUIPMENT



NO UNIT LH0285059 - Front Differential

Sample No: LH0285059

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0285059	---	---	---
Sample Date	29 Jan 2024	---	---	---
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: Joseph Rodgers

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T:

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OIL CONDITION

Visc @ 40°C	cSt	● 99.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 7	---	---	---
Copper	ppm	● 13	---	---	---
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	● 25	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 19	---	---	---
Phosphorus	ppm	● 1123	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 268	---	---	---

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.

Please specify the component make and model with your next sample. 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: 5721331

Signed: Wes Davis

Report Date: 30 Jan 2024



GRAPHS

