



CONSTRUCTION EQUIPMENT

129159 MILL CREEK VOLVO L90H 625083 - FRONT AXLE



Sample No: VCP420730
Oil Type: VOLVO
Job No: 129159 MILL CREEK



SAMPLE INFORMATION

Sample Number	VCP420730	---	---	---
Sample Date	08 Sep 2023	---	---	---
Machine Hours	6363	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

THE GW VAN KEPPEL COMPANY

8233 WEST RENO
OKLAHOMA CITY, OK
US 73127

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 145	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3082	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1318	---	---	---
Phosphorus	ppm	1088	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	101	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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: VOLVO0052
Unique No: 10662698
Signed: Doug Bogart
Report Date: 27 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

