



# CONSTRUCTION EQUIPMENT

129159 MILL CREEK VOLVO L90H 625083 - REAR AXLE



**Sample No:** VCP420731  
**Oil Type:** VOLVO  
**Job No:** 129159 MILL CREEK



## SAMPLE INFORMATION

Sample Number	VCP420731	---	---	---
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	■ 18	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	■ 212	---	---	---
Copper	ppm	■ 68	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 8	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	3786	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	1547	---	---	---
Phosphorus	ppm	1244	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	135	---	---	---

## 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:** 10662697  
**Signed:** Doug Bogart  
**Report Date:** 27 Sep 2023



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## GRAPHS

