



# CONSTRUCTION EQUIPMENT

W02007629 VOLVO EC220 314210 - REAR LEFT FINAL DRIVE



**Sample No:** VCP420807  
**Oil Type:** MOBIL GO 102  
**Job No:** W02007629



**MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS**  
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## SAMPLE INFORMATION

Sample Number	VCP420807	VCP273294	---	---
Sample Date	19 Oct 2023	03 Aug 2020	---	---
Machine Hours	2595	633	---	---
Oil Hours	0	633	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	53.0	170	---	---
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## CONTAMINATION

Silicon	ppm	61	31	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	3	4	---	---



## WEAR METALS

Iron	ppm	188	331	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	7	4	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	21	8	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	28	11	---	---
Phosphorus	ppm	2699	438	---	---
Barium	ppm	9	<1	---	---
Boron	ppm	279	2	---	---

## Diagnosis

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:** VOLVO0002  
**Unique No:** 10709572  
**Signed:** Sean Felton  
**Report Date:** 25 Oct 2023



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## GRAPHS

