



# CONSTRUCTION EQUIPMENT

314854 VOLVO G740 31327 - REAR AXLE



**Sample No:** VCP349545

**Oil Type:** SAE 80W90

**Job No:** 314854



## SAMPLE INFORMATION

Sample Number	VCP349545	---	---	---
Sample Date	27 May 2022	---	---	---
Machine Hours	24104	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



### STRONGCO EQUIPMENT-EDMONTON

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## OIL CONDITION

Visc @ 40°C	cSt	▲ 64.7	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 36	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	■ 171	---	---	---
Copper	ppm	■ 81	---	---	---
Lead	ppm	■ 8	---	---	---
Tin	ppm	■ 10	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	2482	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	984	---	---	---
Phosphorus	ppm	■ 1163	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 149	---	---	---

## Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3908

**Unique No:** 5410133

**Signed:** Kevin Marson

**Report Date:** 08 Jun 2022



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## GRAPHS

