



# CONSTRUCTION EQUIPMENT

417402 KINSLEY CONST VOLVO A40G 352017 - FRONT AXLE



**Sample No:** VCP404829  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 417402 KINSLEY CONST



## SAMPLE INFORMATION

Sample Number	VCP404829	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	4127	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**HIGHWAY EQUIPMENT & SUPPLY CO**  
 PO BOX 127  
 DRUMS, PA  
 US 18222  
 Contact: JUSTIN BLOSS  
 justin@hwyequip.com  
 T: (570)788-1127  
 F: (570)708-2933



## OIL CONDITION

Visc @ 40°C	cSt	█ 257	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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.



## WEAR METALS

Iron	ppm	█ 275	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 98	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 55	---	---	---
Phosphorus	ppm	█ 819	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 135	---	---	---

**Depot:** VOLVO0022  
**Unique No:** 10607555  
**Signed:** Sean Felton  
**Report Date:** 18 Aug 2023



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## GRAPHS

