



# CONSTRUCTION EQUIPMENT

715671 MOSAIC VOLVO A40G 353420 - DROP BOX



**Sample No:** VCP454967  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 715671 MOSAIC



## SAMPLE INFORMATION

Sample Number	VCP454967	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	2394	---	---	---
Oil Hours	1394	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	● 49.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 50	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 7	---	---	---

## 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 oil viscosity is lower than normal. Confirm oil type.



## WEAR METALS

Iron	ppm	■ 240	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 28	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 122	---	---	---
Phosphorus	ppm	■ 2309	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 140	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11072521  
**Signed:** Don Baldrige  
**Report Date:** 12 Jun 2024



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## GRAPHS

