



CONSTRUCTION EQUIPMENT

715671 MOSAIC VOLVO A40G 353420 - FRONT AXLE



Sample No: VCP454970
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715671 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP454970	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	2394	---	---	---
Oil Hours	1399	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 277	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 182	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 118	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 77	---	---	---
Phosphorus	ppm	█ 1130	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 209	---	---	---

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: VOLVO0093
Unique No: 11072527
Signed: Wes Davis
Report Date: 12 Jun 2024



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GRAPHS

