



CONSTRUCTION EQUIPMENT

715855 MOSAIC VOLVO A40G 353384 - FRONT AXLE



Sample No: VCP454860
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715855 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP454860	VCP432152	---	---
Sample Date	14 May 2024	02 Nov 2023	---	---
Machine Hours	2467	1237	---	---
Oil Hours	1467	1237	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 286	● 51.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 6	---	---
Sodium	ppm	█ <1	█ 3	---	---
Potassium	ppm	█ 1	█ 3	---	---



WEAR METALS

Iron	ppm	█ 85	█ 325	---	---
Copper	ppm	█ 3	█ 1	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ 1	█ 4	---	---
Molybdenum	ppm	█ 2	█ 3	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 14	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 156	● 12	---	---
Magnesium	ppm	█ 25	█ 0	---	---
Zinc	ppm	█ 96	● 14	---	---
Phosphorus	ppm	█ 1132	● 2266	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 227	█ 200	---	---

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: 11072516
Signed: Wes Davis
Report Date: 12 Jun 2024



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GRAPHS

