



CONSTRUCTION EQUIPMENT

717448 RENTAL VOLVO A40G 752208 - REAR AXLE



Sample No: VCP454852
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717448 RENTAL



ALTA EQUIPMENT COMPANY
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SAMPLE INFORMATION

Sample Number	VCP454852	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	1160	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	54.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	333	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	5	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	103	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	46	---	---	---
Phosphorus	ppm	2480	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	201	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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.

Depot: VOLVO0095
Unique No: 11070530
Signed: Don Baldrige
Report Date: 10 Jun 2024



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GRAPHS

