



CONSTRUCTION EQUIPMENT

717448 RENTAL VOLVO A40G 752208 - FRONT AXLE



Sample No: VCP445699
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717448 RENTAL



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SAMPLE INFORMATION

Sample Number	VCP445699	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	1160	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	54.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	505	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	7	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	52	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	36	---	---	---
Phosphorus	ppm	2367	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	102	---	---	---

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: 11070532
Signed: Don Baldrige
Report Date: 10 Jun 2024



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GRAPHS

