



CONSTRUCTION EQUIPMENT

701071 ALTA RENTS VOLVO A25G 752599 - FRONT AXLE



Sample No: VCP446432
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 701071 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP446432	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	775	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
9601 BOGGY CREEK RD
ORLANDO, FL
US 32824
Contact: Robert LaPlante
robert.laplante@altg.com
T: (407)508-9736
F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	91.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	3	---	---	---

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.



WEAR METALS

Iron	ppm	131	---	---	---
Copper	ppm	22	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	8	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	733	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	311	---	---	---
Phosphorus	ppm	1323	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	239	---	---	---

Depot: VOLVO0096
Unique No: 10976297
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

