



CONSTRUCTION EQUIPMENT

VOLVO A25G 7525 14 - DROP BOX



Sample No: VCP454934
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454934	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	2532	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: BRAD BYRO
 bradley.byro@altg.com
 T: (407)850-9614
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	● 44.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 33	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ <1	---	---	---

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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 122	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 54	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 82	---	---	---
Phosphorus	ppm	2358	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 158	---	---	---

Depot: VOLVO0096
Unique No: 11070544
Signed: Don Baldrige
Report Date: 10 Jun 2024



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GRAPHS

