



CONSTRUCTION EQUIPMENT

565037 VOLVO A45G 353312 - REAR AXLE



Sample No: VCP451345
Oil Type: GEAR OIL SAE 85W140
Job No: 565037



SAMPLE INFORMATION

Sample Number	VCP451345	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	2986	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	51.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	195	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	169	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	60	---	---	---
Phosphorus	ppm	2486	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	228	---	---	---

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: VOLVO0090
Unique No: 11056538
Signed: Don Baldrige
Report Date: 31 May 2024



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GRAPHS

