



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - REAR AXLE



Sample No: VCP455007
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP455007	VCP421331	---	---
Sample Date	04 May 2024	20 Jul 2023	---	---
Machine Hours	3988	2242	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	51.7	52.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	2	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	4	2	---	---



WEAR METALS

Iron	ppm	116	136	---	---
Copper	ppm	5	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	3	4	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	6	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	182	73	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	78	18	---	---
Phosphorus	ppm	2364	2433	---	---
Barium	ppm	0	0	---	---
Boron	ppm	250	310	---	---

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: 11017755
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

