



CONSTRUCTION EQUIPMENT

VOLVO A45G 35323 - BOGIE/CENTER AXLE



Sample No: VCP451247
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP451247	VCP437504	---	---
Sample Date	03 May 2024	12 Apr 2024	---	---
Machine Hours	2406	2288	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	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	52.0	52.3	---	---
-------------	-----	------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	3	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	285	158	---	---
Copper	ppm	1	2	---	---
Lead	ppm	2	0	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	5	2	---	---
Molybdenum	ppm	8	5	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	9	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	101	99	---	---
Magnesium	ppm	14	1	---	---
Zinc	ppm	43	36	---	---
Phosphorus	ppm	2418	2329	---	---
Barium	ppm	0	0	---	---
Boron	ppm	234	293	---	---

Diagnosis

No corrective action is recommended at this time. 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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0090
Unique No: 11016368
Signed: Jonathan Hester
Report Date: 08 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

