



CONSTRUCTION EQUIPMENT

VOLVO A45G 35323 - REAR AXLE



Sample No: VCP451340
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP451340	VCP437501	---	---
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	52.1	52.3	---	---
-------------	-----	------	------	-----	-----



CONTAMINATION

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

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. Confirm oil type.



WEAR METALS

Iron	ppm	291	130	---	---
Copper	ppm	2	3	---	---
Lead	ppm	1	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	5	1	---	---
Molybdenum	ppm	8	4	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	9	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	165	131	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	63	50	---	---
Phosphorus	ppm	2438	2426	---	---
Barium	ppm	0	0	---	---
Boron	ppm	227	280	---	---

Depot: VOLVO0090
Unique No: 11016375
Signed: Jonathan Hester
Report Date: 08 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

