



CONSTRUCTION EQUIPMENT

VOLVO A45G 352341 - REAR AXLE



Sample No: VCP427217
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP427217	VCP333451	---	---
Sample Date	30 Jun 2023	26 Jan 2022	---	---
Machine Hours	4913	2505	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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	268	270	---	---
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CONTAMINATION

Silicon	ppm	10	4	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	200	231	---	---
Copper	ppm	3	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	6	---	---
Chromium	ppm	3	3	---	---
Molybdenum	ppm	5	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	200	158	---	---
Magnesium	ppm	30	29	---	---
Zinc	ppm	99	91	---	---
Phosphorus	ppm	1110	1078	---	---
Barium	ppm	0	0	---	---
Boron	ppm	197	203	---	---

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 condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10547472
Signed: Wes Davis
Report Date: 07 Jul 2023



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GRAPHS

