



CONSTRUCTION EQUIPMENT

VOLVO A45G 353591 - FRONT AXLE



Sample No: VCP454819
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP454819	VCP434319	---	---
Sample Date	02 May 2024	14 Nov 2023	---	---
Machine Hours	2216	1099	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
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	56.4	51.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	6	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	4	3	---	---

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.



WEAR METALS

Iron	ppm	546	493	---	---
Copper	ppm	8	5	---	---
Lead	ppm	2	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	8	7	---	---
Molybdenum	ppm	12	10	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	16	16	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	106	93	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	61	44	---	---
Phosphorus	ppm	2296	2366	---	---
Barium	ppm	0	0	---	---
Boron	ppm	149	181	---	---

Depot: VOLVO0090
Unique No: 11016377
Signed: Jonathan Hester
Report Date: 08 May 2024



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GRAPHS

