



CONSTRUCTION EQUIPMENT

702890 APTIM VOLVO A35G 340109 - REAR AXLE



Sample No: VCP449550
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702890 APTIM



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SAMPLE INFORMATION

Sample Number	VCP449550	VCP424456	VCP423598	---
Sample Date	29 Apr 2024	11 Jul 2023	16 Mar 2023	---
Machine Hours	9978	8937	8480	---
Oil Hours	2000	4000	2000	---
Oil Changed	Not Chngd	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	273	123	122	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	3	4	---
Sodium	ppm	1	2	1	---
Potassium	ppm	2	0	0	---



WEAR METALS

Iron	ppm	191	168	204	---
Copper	ppm	<1	1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	4	4	---
Chromium	ppm	2	2	3	---
Molybdenum	ppm	16	11	12	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	1	1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	11	11	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	196	107	110	---
Magnesium	ppm	61	15	19	---
Zinc	ppm	149	73	80	---
Phosphorus	ppm	1112	1036	1073	---
Barium	ppm	2	0	0	---
Boron	ppm	175	244	234	---

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: VOLVO0093
Unique No: 11057898
Signed: Wes Davis
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

