



CONSTRUCTION EQUIPMENT

579198 APTIM VOLVO A35G 340109 - REAR AXLE



Sample No: VCP424456
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579198 APTIM



SAMPLE INFORMATION

Sample Number	VCP424456	VCP423598	---	---
Sample Date	11 Jul 2023	16 Mar 2023	---	---
Machine Hours	8937	8480	---	---
Oil Hours	4000	2000	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

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

Silicon	ppm	3	4	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	0	0	---	---

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



ADDITIVES

Calcium	ppm	107	110	---	---
Magnesium	ppm	15	19	---	---
Zinc	ppm	73	80	---	---
Phosphorus	ppm	1036	1073	---	---
Barium	ppm	0	0	---	---
Boron	ppm	244	234	---	---

Depot: VOLVO0093
Unique No: 10564859
Signed: Wes Davis
Report Date: 21 Jul 2023



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GRAPHS

