



CONSTRUCTION EQUIPMENT

702890 APTIM VOLVO A35G 340109 - BOGIE/CENTER AXLE



Sample No: VCP451335
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702890 APTIM



SAMPLE INFORMATION

Sample Number	VCP451335	VCP414222	VCP424868	---
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	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	276	125	122	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	2	7	---
Sodium	ppm	2	1	1	---
Potassium	ppm	2	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	80	152	174	---
Copper	ppm	<1	2	2	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	2	6	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	16	9	10	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	2	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	9	9	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	258	118	126	---
Magnesium	ppm	58	15	20	---
Zinc	ppm	174	76	90	---
Phosphorus	ppm	1081	1026	1059	---
Barium	ppm	0	0	0	---
Boron	ppm	179	233	222	---

Depot: VOLVO0093
Unique No: 11057913
Signed: Wes Davis
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

