



CONSTRUCTION EQUIPMENT

661922 APTIM VOLVO A35G 340227 - REAR AXLE



Sample No: VCP432322
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661922 APTIM



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SAMPLE INFORMATION

Sample Number	VCP432322	VCP417011	VCP395749	---
Sample Date	31 Jan 2024	27 Jul 2023	01 Feb 2023	---
Machine Hours	8398	7611	6647	---
Oil Hours	500	4000	2000	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	ATTENTION	ATTENTION	---



OIL CONDITION

Visc @ 40°C	cSt	280	51.6	50.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	4	6	---
Sodium	ppm	<1	0	2	---
Potassium	ppm	<1	2	<1	---



WEAR METALS

Iron	ppm	46	480	514	---
Copper	ppm	2	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	<1	6	7	---
Molybdenum	ppm	4	9	6	---
Nickel	ppm	<1	2	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	19	16	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	247	32	25	---
Magnesium	ppm	17	2	1	---
Zinc	ppm	131	33	34	---
Phosphorus	ppm	1125	2380	2309	---
Barium	ppm	0	0	0	---
Boron	ppm	201	155	193	---

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: 10901577
Signed: Wes Davis
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

