



CONSTRUCTION EQUIPMENT

554300 APTIM VOLVO A35G 340101 - REAR AXLE



Sample No: VCP412110
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 554300 APTIM



SAMPLE INFORMATION

Sample Number	VCP412110	VCP395758	---	---
Sample Date	24 May 2023	31 Jan 2023	---	---
Machine Hours	7984	7430	---	---
Oil Hours	4000	3500	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	55.5	55.1	---	---
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CONTAMINATION

Silicon	ppm	30	29	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	360	380	---	---
Copper	ppm	8	6	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	6	6	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	14	12	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	1	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	64	56	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	110	42	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	75	49	---	---
Phosphorus	ppm	2488	2126	---	---
Barium	ppm	0	0	---	---
Boron	ppm	121	171	---	---

Diagnosis

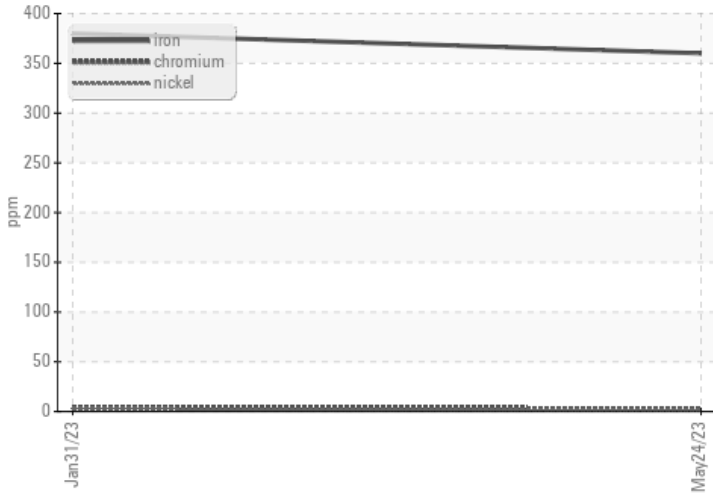
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10526238
Signed: Wes Davis
Report Date: 24 Jun 2023

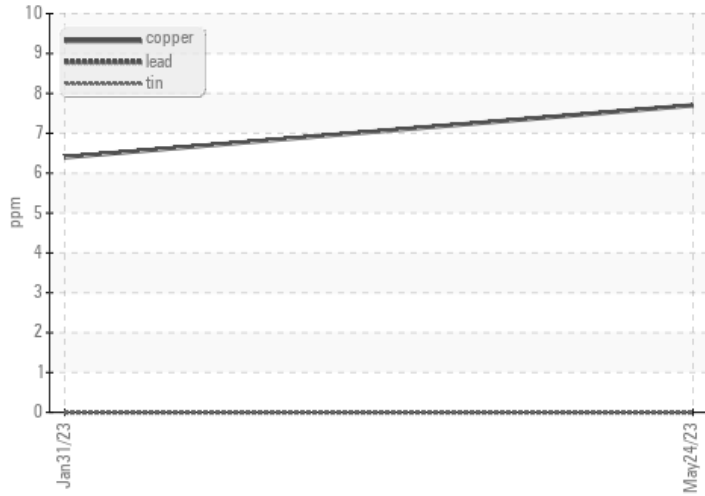


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

