



CONSTRUCTION EQUIPMENT

554300 APTIM VOLVO A35G 340101 - FRONT AXLE



Sample No: VCP393599
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 554300 APTIM



SAMPLE INFORMATION

Sample Number	VCP393599	VCP395760	---	---
Sample Date	24 May 2023	31 Jan 2023	---	---
Machine Hours	7984	7430	---	---
Oil Hours	4000	3500	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	55.3	55.1	---	---
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CONTAMINATION

Silicon	ppm	9	9	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	3	2	---	---

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	241	268	---	---
Copper	ppm	9	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	11	11	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	1	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	38	36	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	110	61	---	---
Magnesium	ppm	<1	2	---	---
Zinc	ppm	54	46	---	---
Phosphorus	ppm	2116	2063	---	---
Barium	ppm	0	0	---	---
Boron	ppm	140	159	---	---

Depot: VOLVO0093
Unique No: 10526243
Signed: Wes Davis
Report Date: 24 Jun 2023

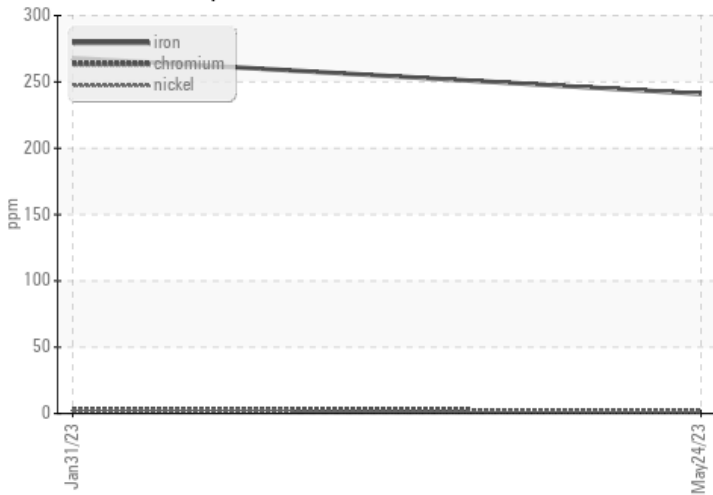


CONSTRUCTION EQUIPMENT

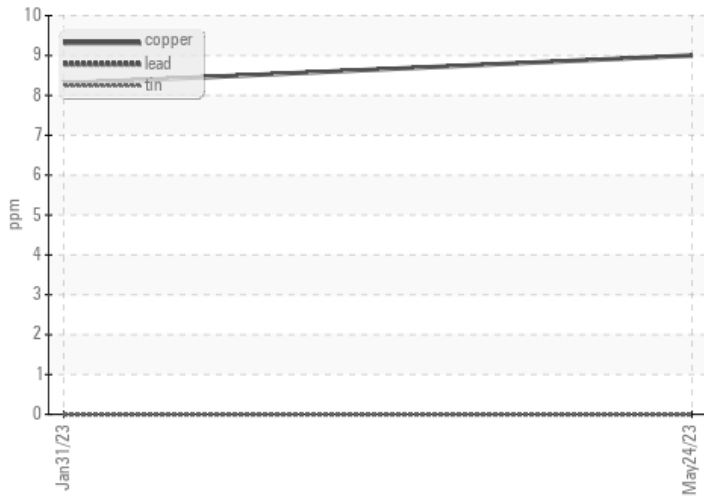


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

