



CONSTRUCTION EQUIPMENT

701157 APTIM VOLVO A35G 340101 - FRONT AXLE



Sample No: VCP449556
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 701157 APTIM



SAMPLE INFORMATION

Sample Number	VCP449556	VCP393599	VCP395760	---
Sample Date	12 Apr 2024	24 May 2023	31 Jan 2023	---
Machine Hours	9074	7984	7430	---
Oil Hours	1000	4000	3500	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	189	55.3	55.1	---
-------------	-----	------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	9	9	---
Sodium	ppm	0	0	1	---
Potassium	ppm	2	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	64	241	268	---
Copper	ppm	2	9	8	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	8	2	3	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	21	11	11	---
Nickel	ppm	0	2	2	---
Titanium	ppm	<1	1	1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	38	36	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	223	110	61	---
Magnesium	ppm	72	<1	2	---
Zinc	ppm	194	54	46	---
Phosphorus	ppm	1236	2116	2063	---
Barium	ppm	0	0	0	---
Boron	ppm	181	140	159	---

Depot: VOLVO0093
Unique No: 11036607
Signed: Wes Davis
Report Date: 22 May 2024

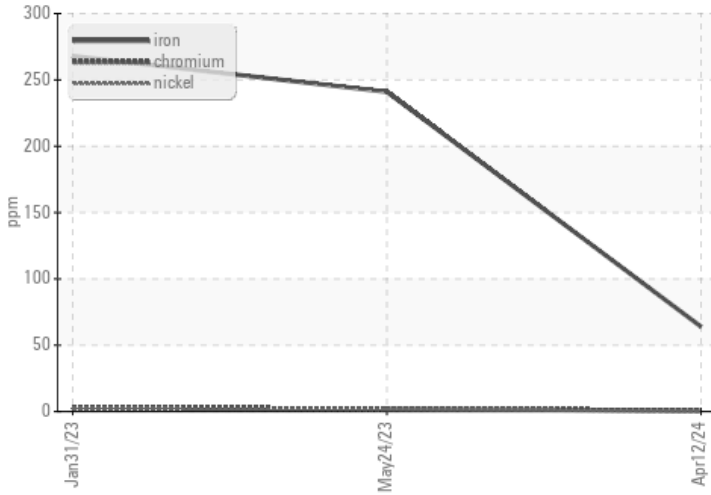


CONSTRUCTION EQUIPMENT

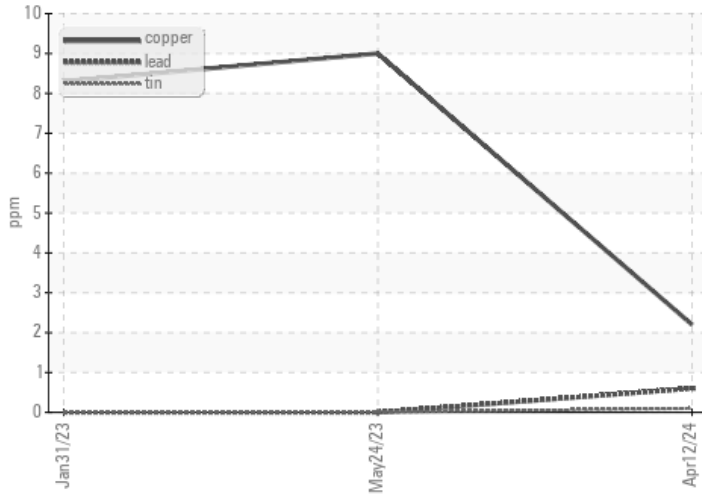


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

