



CONSTRUCTION EQUIPMENT

W07013419-1 VOLVO A35G 340231 - DROP BOX



Sample No: VCP415414
Oil Type: GEAR OIL SAE 75W90
Job No: W07013419-1



SAMPLE INFORMATION

Sample Number	VCP415414	VCP386482	VCP253451	---
Sample Date	20 Sep 2023	15 Feb 2023	19 Oct 2021	---
Machine Hours	6297	0	4266	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	ATTENTION	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	▲ 326	54.4	■ 121	---
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CONTAMINATION

Silicon	ppm	62	3	3	---
Sodium	ppm	■ 3	■ <1	■ <1	---
Potassium	ppm	■ 2	■ 1	■ 1	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	386	58	39	---
Copper	ppm	1	<1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	■ 23	■ 22	9	---
Chromium	ppm	6	<1	<1	---
Molybdenum	ppm	14	<1	<1	---
Nickel	ppm	2	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	2	---
Manganese	ppm	4	1	1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

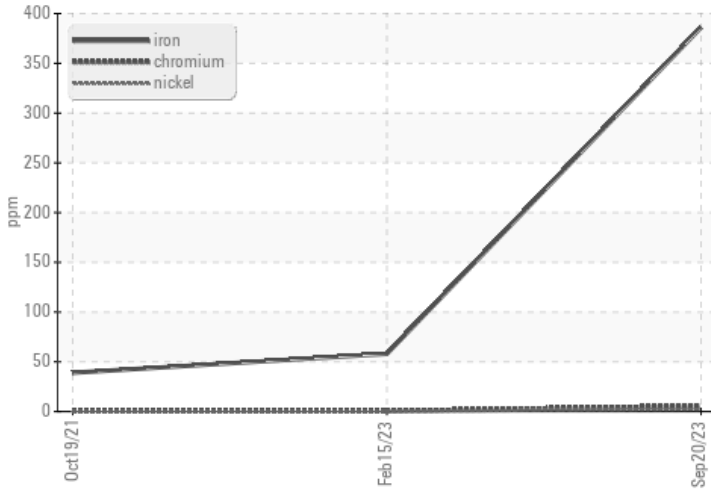
Calcium	ppm	31	30	123	---
Magnesium	ppm	4	3	6	---
Zinc	ppm	24	87	130	---
Phosphorus	ppm	1037	2237	1811	---
Barium	ppm	0	0	0	---
Boron	ppm	169	205	161	---

Depot: VOLVO8882
Unique No: 10661395
Signed: Don Baldrige
Report Date: 26 Sep 2023

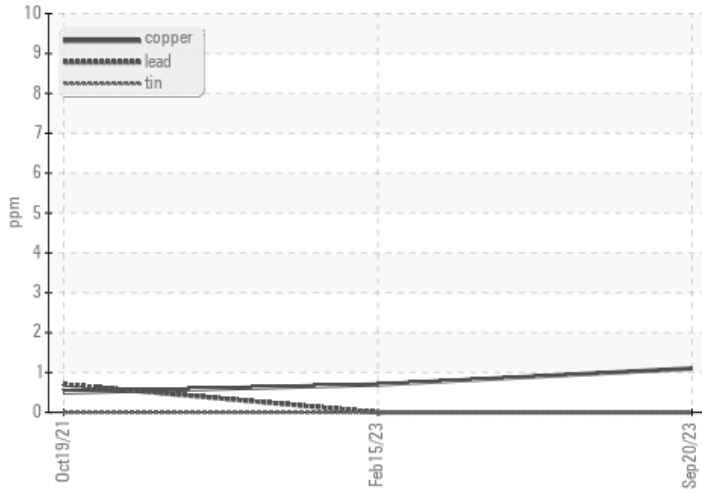


GRAPHS

Ferrous Alloys



Non-ferrous Metals



▲ Viscosity @ 40°C

