



CONSTRUCTION EQUIPMENT

SWA511448 VOLVO A40G 340612 - BRAKE



Sample No: VCP423830
Oil Type: {unknown}
Job No: SWA511448



SAMPLE INFORMATION

Sample Number	VCP423830	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	11337	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 T: (616)345-7040
 F: (616)878-7650



OIL CONDITION

Visc @ 40°C	cSt	■ 42.2	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 26	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 81	---	---	---
Copper	ppm	▲ 238	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3928	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1339	---	---	---
Phosphorus	ppm	1152	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	85	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0046
Unique No: 10977809
Signed: Sean Felton
Report Date: 16 Apr 2024

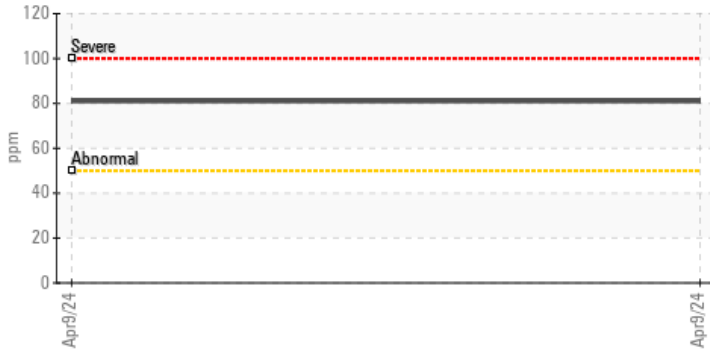


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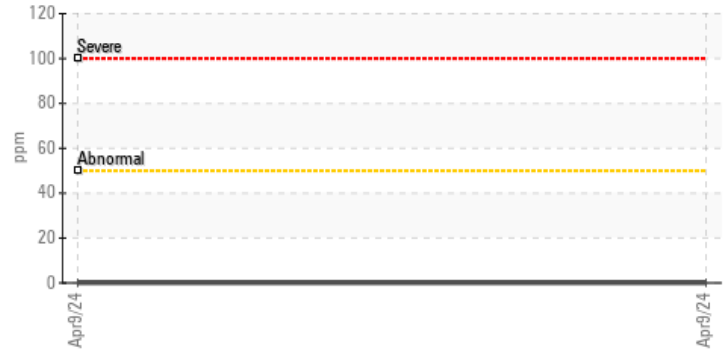


GRAPHS

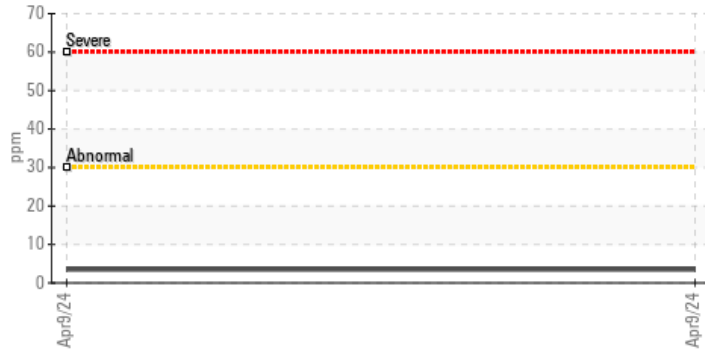
▲ Iron (ppm)



Lead (ppm)



Aluminum (ppm)



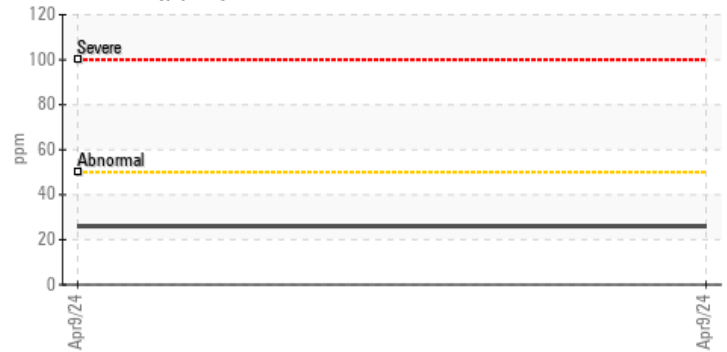
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

