



CONSTRUCTION EQUIPMENT

VOLVO A40G 353267 - WET DISC BRAKE



Sample No: VCP437305
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP437305	---	---	---
Sample Date	25 Apr 2024	---	---	---
Machine Hours	2215	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 25	---	---	---
Copper	ppm	▲ 121	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3595	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1490	---	---	---
Phosphorus	ppm	█ 1288	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 101	---	---	---

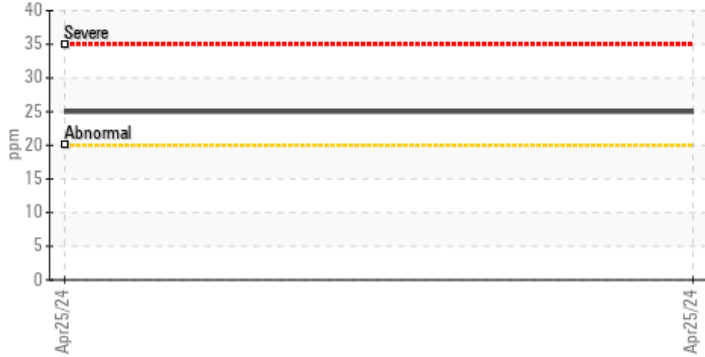
Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

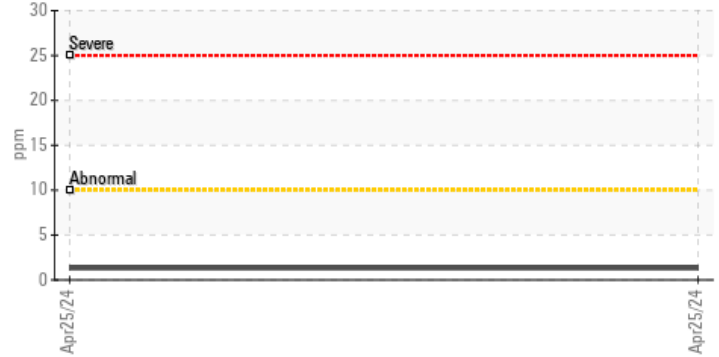
Depot: VOLVO0090
Unique No: 11005558
Signed: Jonathan Hester
Report Date: 03 May 2024

VOLVO **GRAPHS**

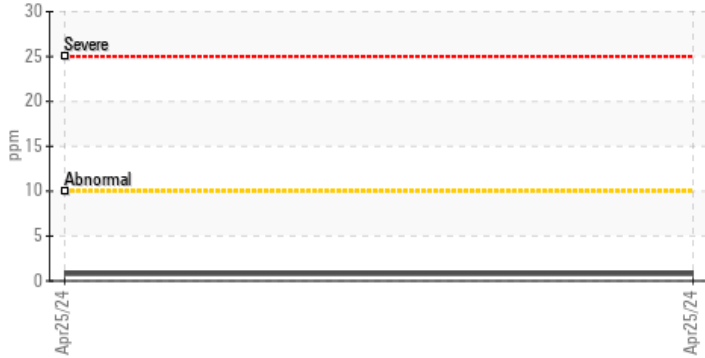
▲ Iron (ppm)



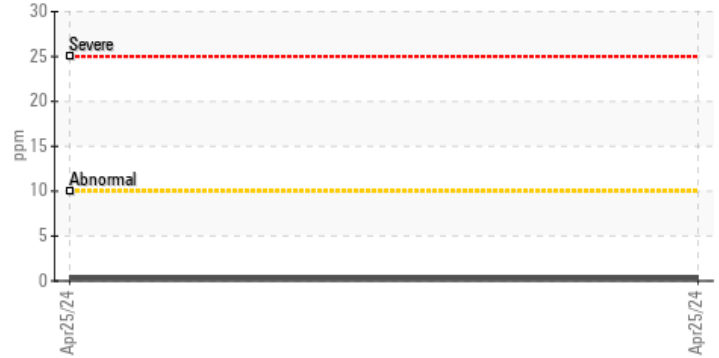
Lead (ppm)



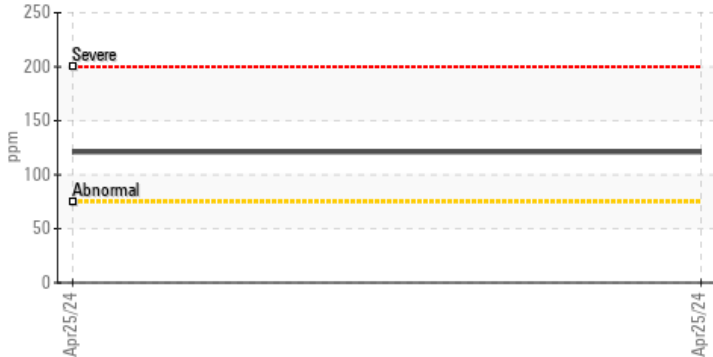
Aluminum (ppm)



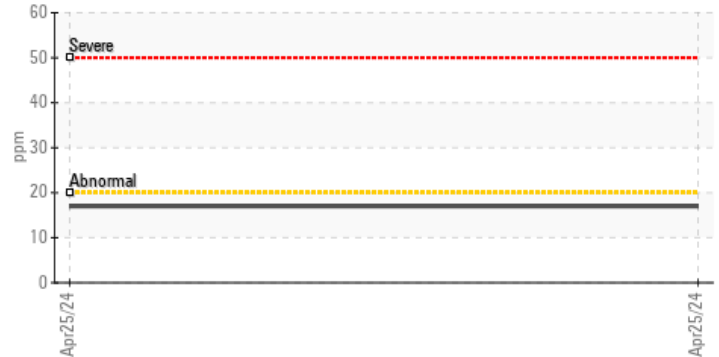
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

