



CONSTRUCTION EQUIPMENT

VOLVO A25C 740205 - BRAKE COOLING SYSTEM



Sample No: VCP430272

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP430272	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	5144	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	45.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 0	---	---	---

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 copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	▲ 356	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3408	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1191	---	---	---
Phosphorus	ppm	1214	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	117	---	---	---

Depot: VOLVO0093
Unique No: 10776637
Signed: Jonathan Hester
Report Date: 08 Dec 2023

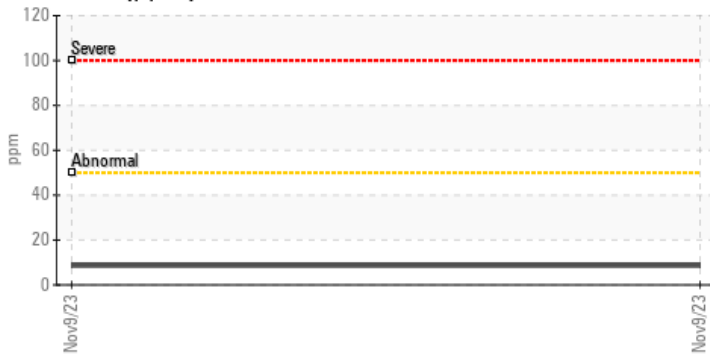


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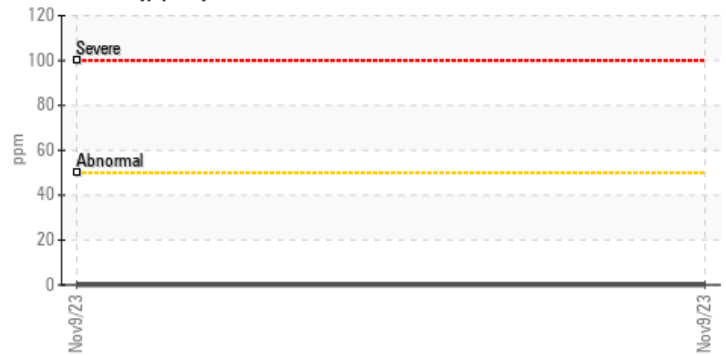


GRAPHS

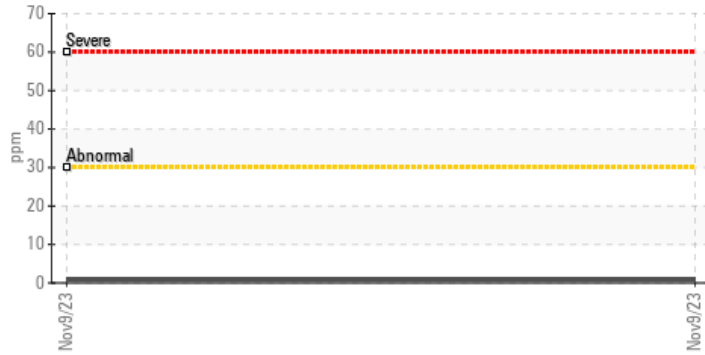
Iron (ppm)



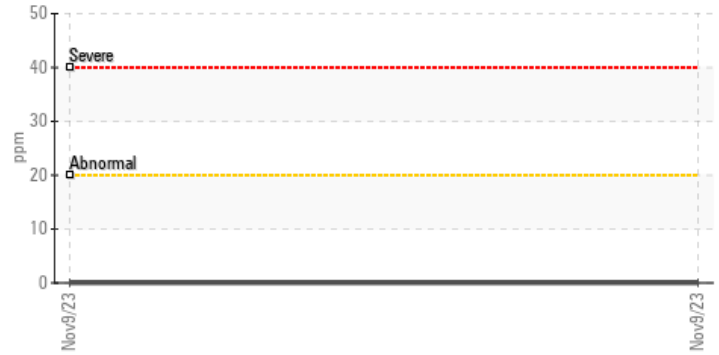
Lead (ppm)



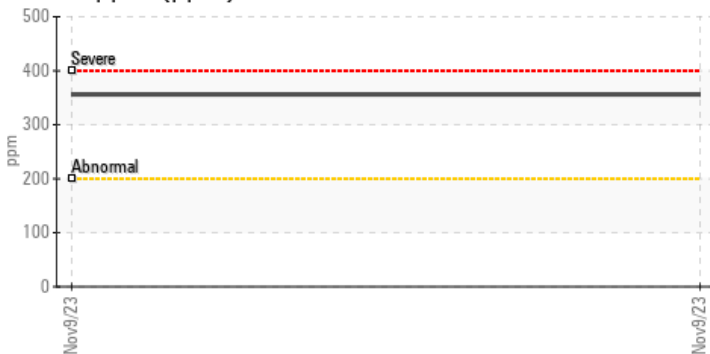
Aluminum (ppm)



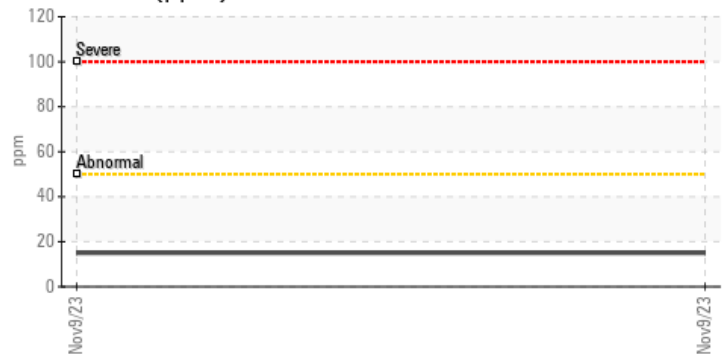
Chromium (ppm)



▲ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

