



CONSTRUCTION EQUIPMENT

RENTAL VOLVO A25G 752753 - BRAKE COOLING SYSTEM



Sample No: VCP440418
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: RENTAL



SAMPLE INFORMATION

Sample Number	VCP440418	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	1045	---	---	---
Oil Hours	1045	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	MARGINAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 45.3	---	---	---
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CONTAMINATION

Water	%	▲ 0.364	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 175	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3587	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 1490	---	---	---
Phosphorus	ppm	█ 1280	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 127	---	---	---

Depot: VOLVO0093
Unique No: 10996163
Signed: Don Baldrige
Report Date: 29 Apr 2024

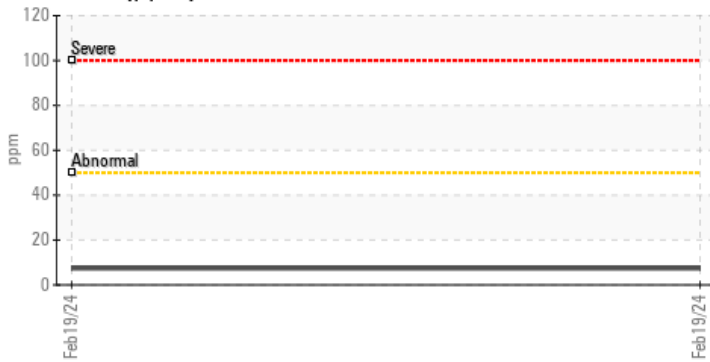


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GRAPHS

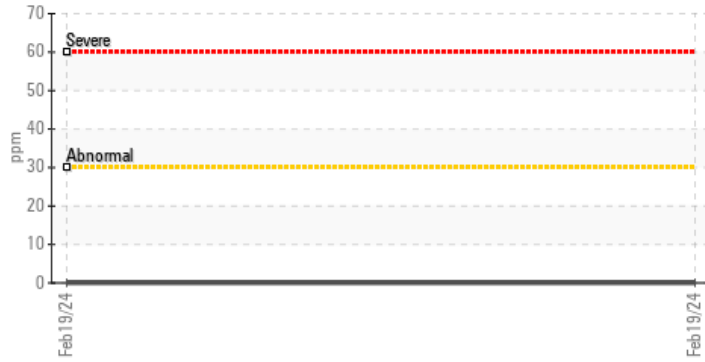
Iron (ppm)



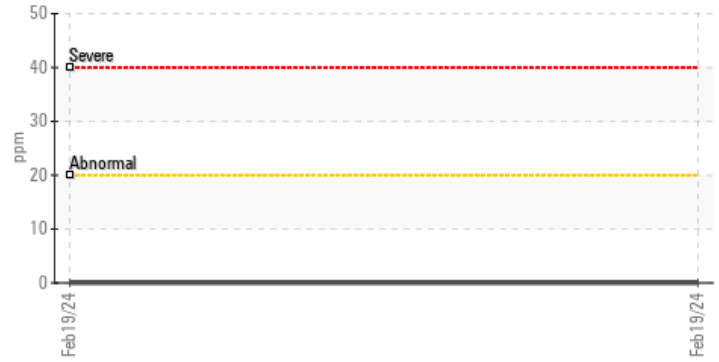
Lead (ppm)



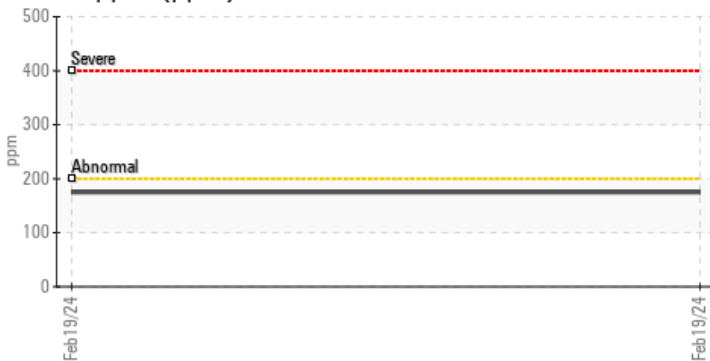
Aluminum (ppm)



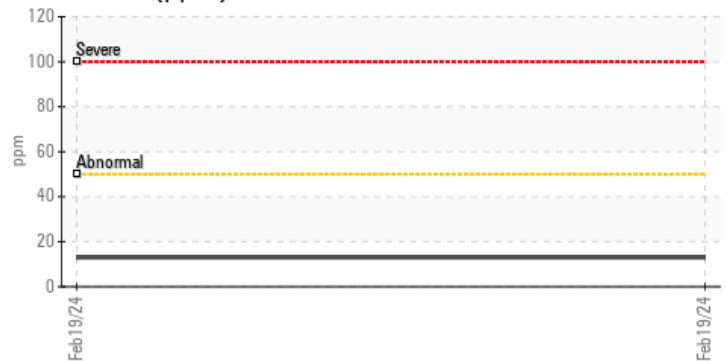
Chromium (ppm)



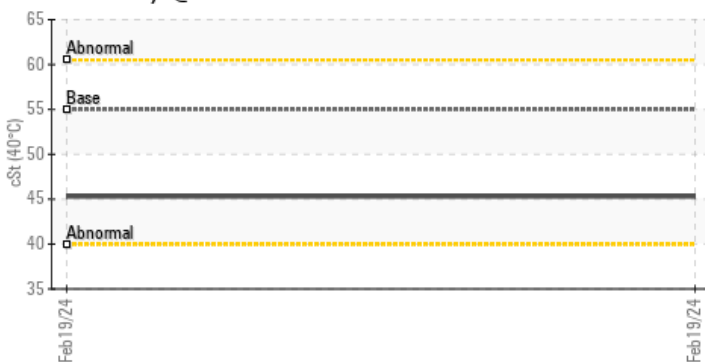
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

