



CONSTRUCTION EQUIPMENT

X38207 TRI PARISH 353114 - TRANSMISSION (AUTO)



Sample No: VCP433060
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: X38207 TRI PARISH



SAMPLE INFORMATION

Sample Number	VCP433060	---	---	---
Sample Date	07 Feb 2024	---	---	---
Machine Hours	3748	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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10160 AIRLINE HWY
BATON ROUGE, LA
US 70816
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OIL CONDITION

Visc @ 40°C	cSt	█ 27.5	---	---	---
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CONTAMINATION

Water	%	▲ 0.447	---	---	---
Silicon	ppm	▲ 24	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the fluid. Moderate concentration of visible dirt/debris present in the fluid. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 91	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 6	---	---	---
Aluminum	ppm	█ 45	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 69	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 190	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 66	---	---	---

Depot: VOLVO6242
Unique No: 10873902
Signed: Don Baldrige
Report Date: 13 Feb 2024

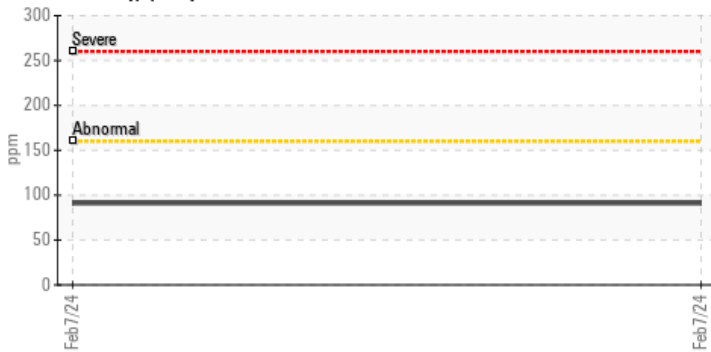


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GRAPHS

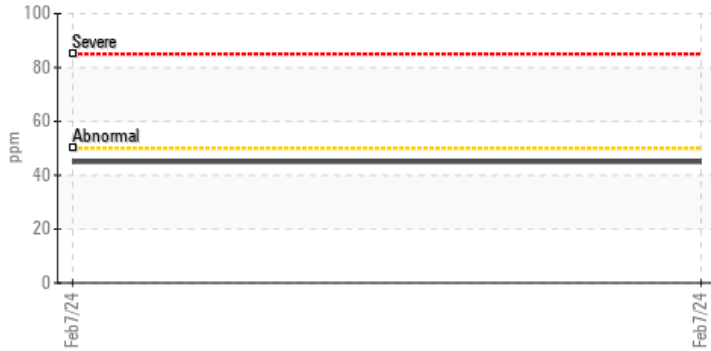
Iron (ppm)



Lead (ppm)



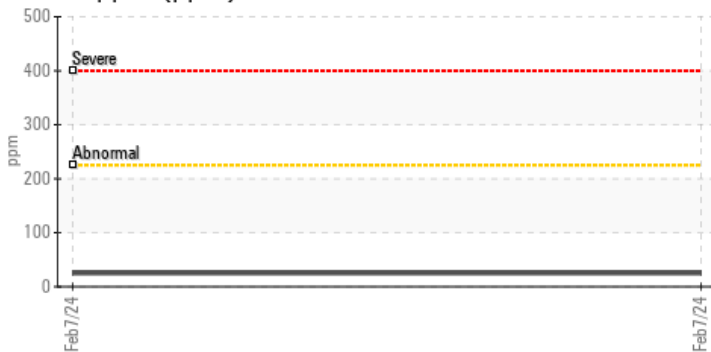
Aluminum (ppm)



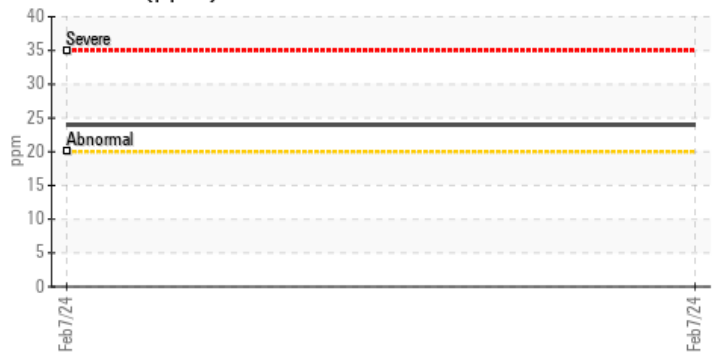
Chromium (ppm)



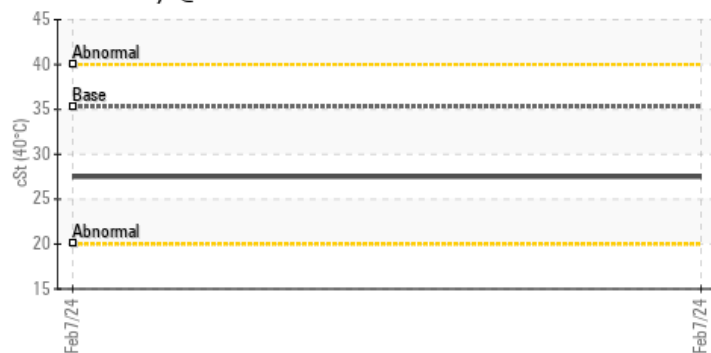
Copper (ppm)



▲ Silicon (ppm)



Viscosity @ 40°C



▲ Water

