



CONSTRUCTION EQUIPMENT

135666 DUFFIELD VOLVO A40G 340937 - TRANSMISSION (AUTO)



Sample No: VCP413745
Oil Type: {unknown}
Job No: 135666 DUFFIELD



SAMPLE INFORMATION

Sample Number	VCP413745	---	---	---
Sample Date	27 Feb 2024	---	---	---
Machine Hours	11284	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	MARGINAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 31.6	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	▲ 24	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 99	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ 38	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	286	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	105	---	---	---
Phosphorus	ppm	230	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	48	---	---	---

Depot: VOLVO0053
Unique No: 10903865
Signed: Doug Bogart
Report Date: 03 Mar 2024

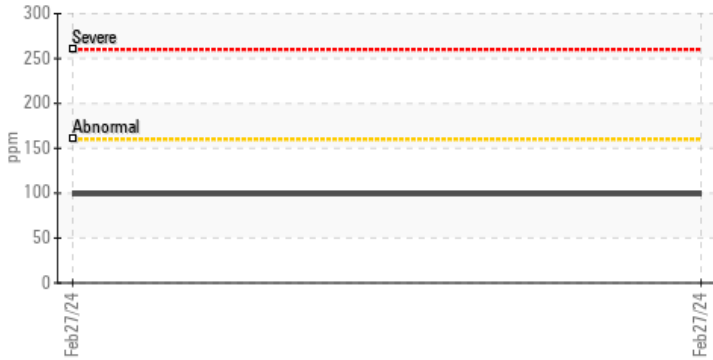


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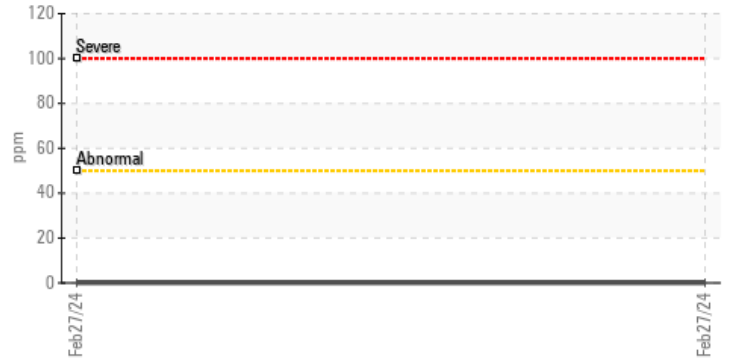


GRAPHS

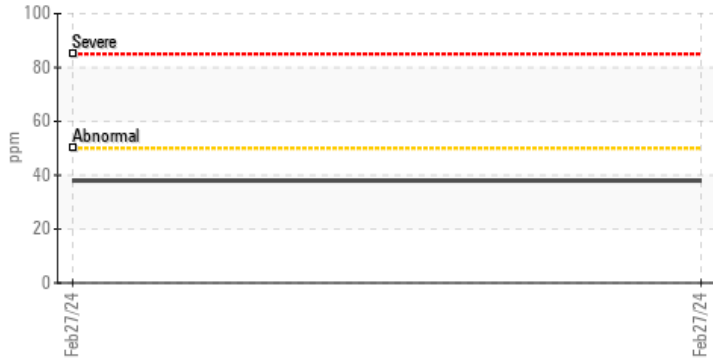
Iron (ppm)



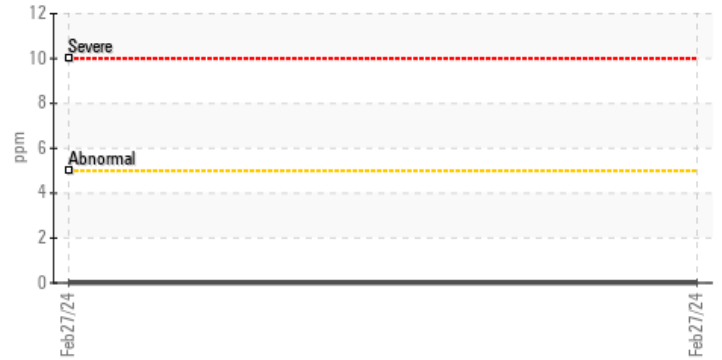
Lead (ppm)



Aluminum (ppm)



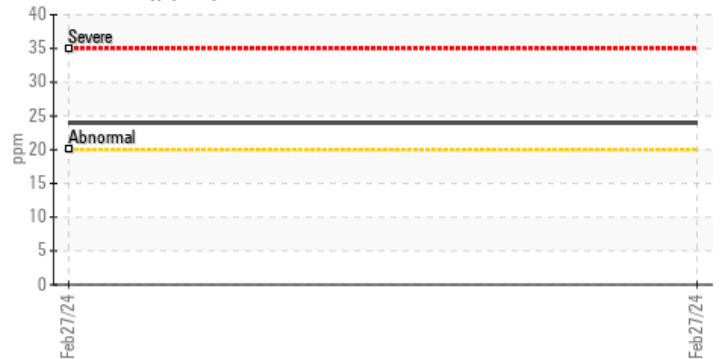
Chromium (ppm)



Copper (ppm)



▲ Silicon (ppm)



Viscosity @ 40°C



Additives

