



CONSTRUCTION EQUIPMENT

D13293 VOLVO A40G 342560 - TRANSMISSION (AUTO)



Sample No: VCP407316
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D13293



SAMPLE INFORMATION

Sample Number	VCP407316	---	---	---
Sample Date	31 Jan 2024	---	---	---
Machine Hours	6117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
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 BUTLER, WI
 US 53007
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OIL CONDITION

Visc @ 40°C	cSt	█ 28.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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	█ 59	---	---	---
Copper	ppm	█ 44	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 8	---	---	---
Aluminum	ppm	█ 43	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 115	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 30	---	---	---
Phosphorus	ppm	█ 219	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 72	---	---	---

Depot: VOLVO0069
Unique No: 10872553
Signed: Wes Davis
Report Date: 12 Feb 2024

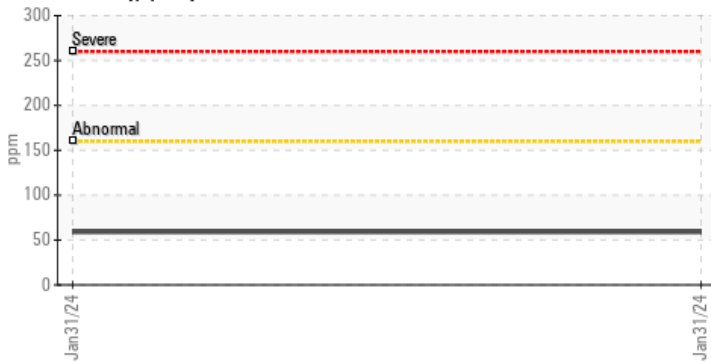


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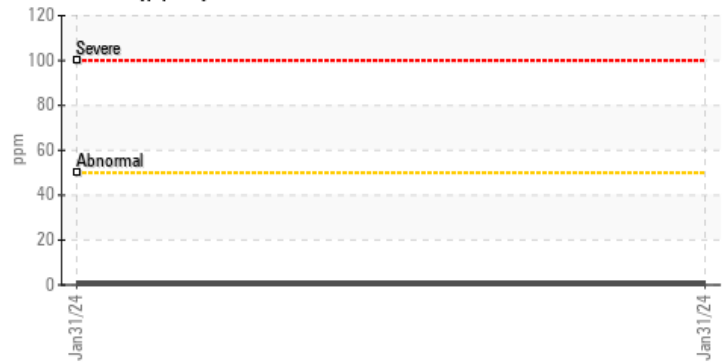


GRAPHS

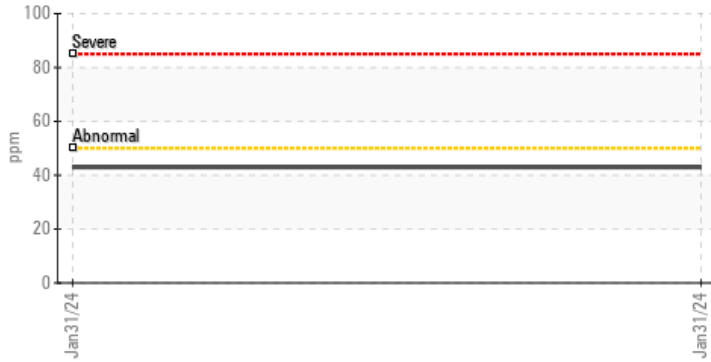
Iron (ppm)



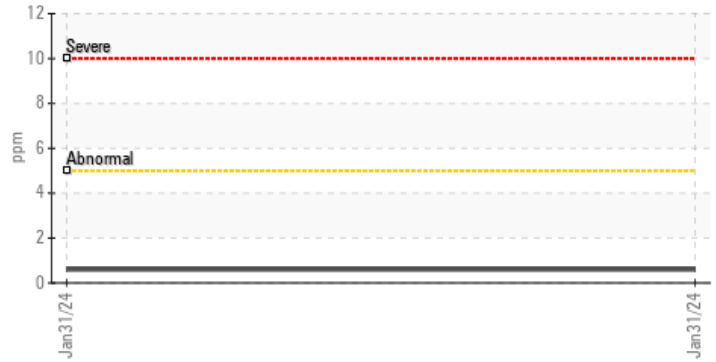
Lead (ppm)



Aluminum (ppm)



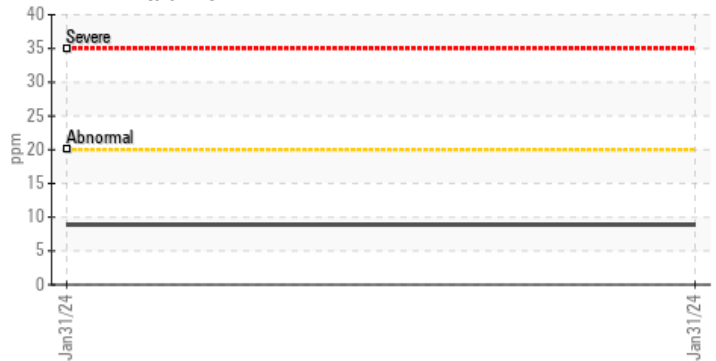
Chromium (ppm)



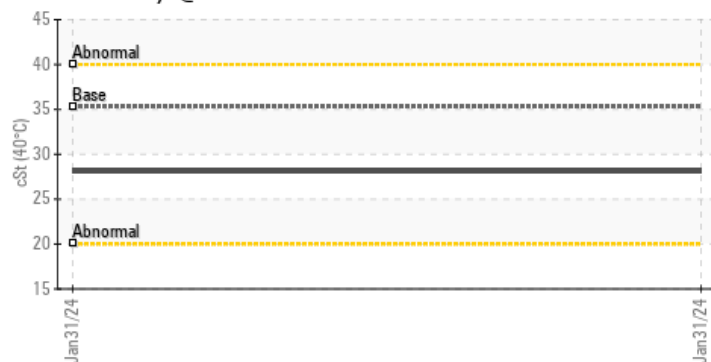
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

