



CONSTRUCTION EQUIPMENT

05W44707 VOLVO A45G 352851 - TRANSMISSION (AUTO)



Sample No: VCP408504
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 05W44707



SAMPLE INFORMATION

Sample Number	VCP408504	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

P.O. DRAWER 9367
MONTGOMERY, AL
US 36108

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OIL CONDITION

Visc @ 40°C	cSt	█ 30.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 17	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 83	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	█ 206	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 94	---	---	---

Depot: VOLVO8532
Unique No: 10872557
Signed: Wes Davis
Report Date: 11 Feb 2024



CONSTRUCTION EQUIPMENT

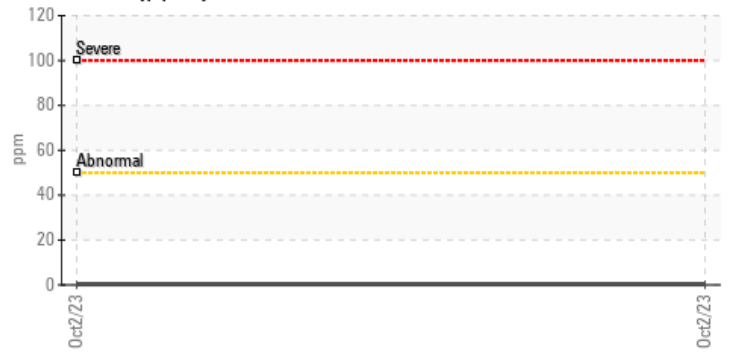


GRAPHS

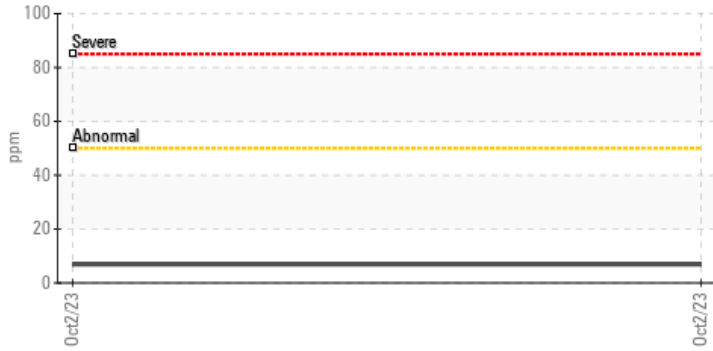
Iron (ppm)



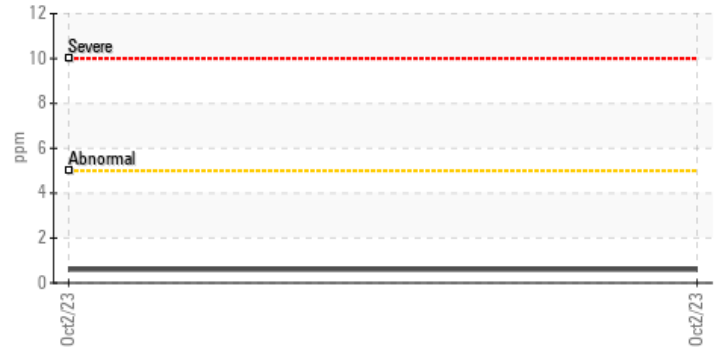
Lead (ppm)



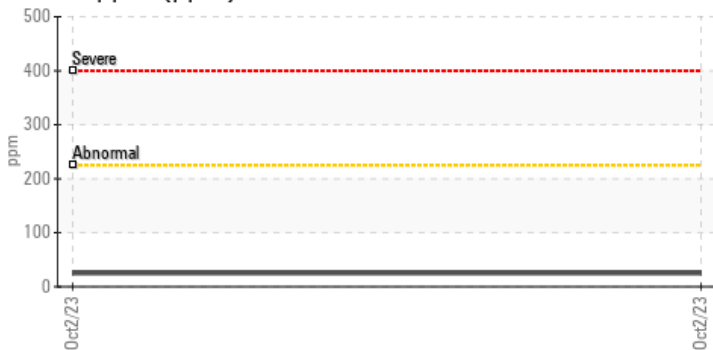
Aluminum (ppm)



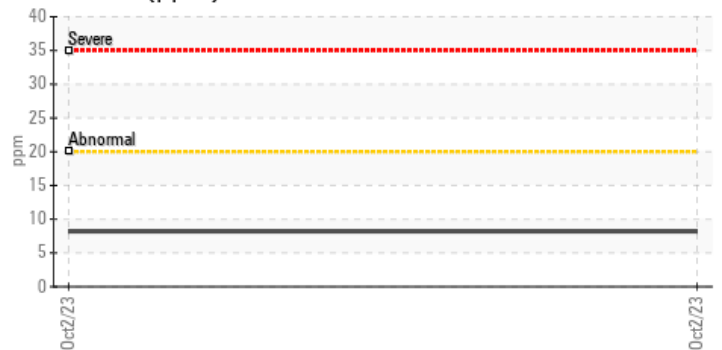
Chromium (ppm)



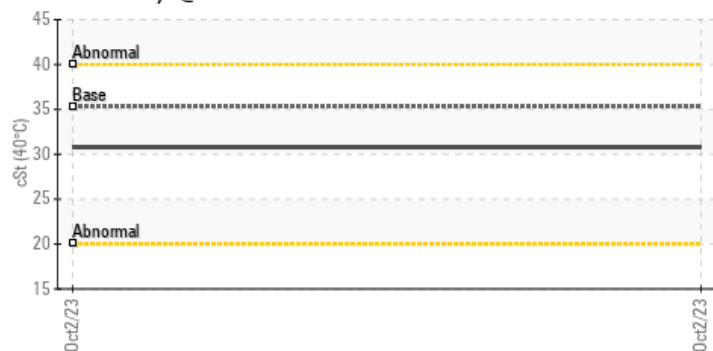
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

