



CONSTRUCTION EQUIPMENT

W07013952-1 STANLEY VOLVO A35F 11201 - TRANSMISSION



Sample No: VCP396846
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W07013952-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP396846	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	9302	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	█ 26.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 104	---	---	---
Copper	ppm	● 602	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 31	---	---	---
Aluminum	ppm	█ 21	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 37	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 21	---	---	---
Phosphorus	ppm	█ 134	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 28	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The copper level is severe. Gear wear is indicated. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO8882
Unique No: 10805905
Signed: Jonathan Hester
Report Date: 28 Dec 2023

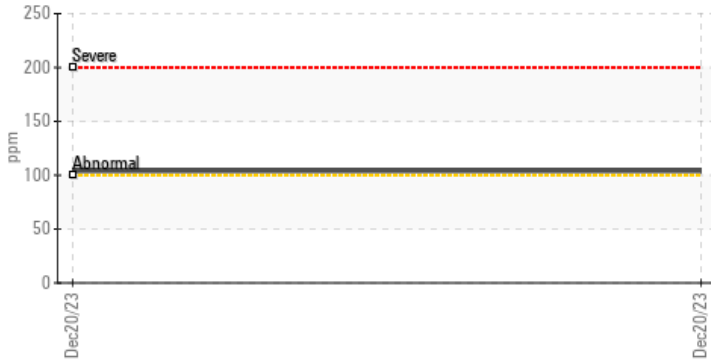


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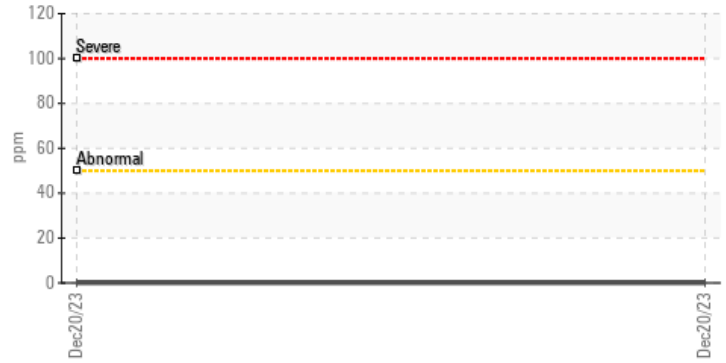


GRAPHS

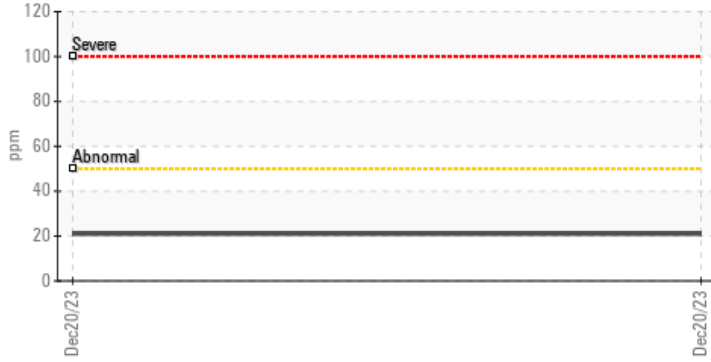
▲ Iron (ppm)



Lead (ppm)



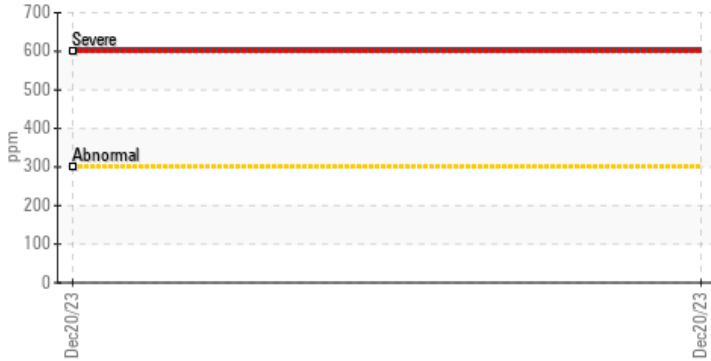
Aluminum (ppm)



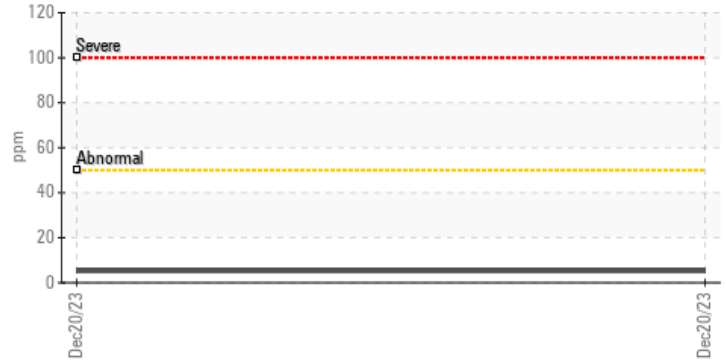
Chromium (ppm)



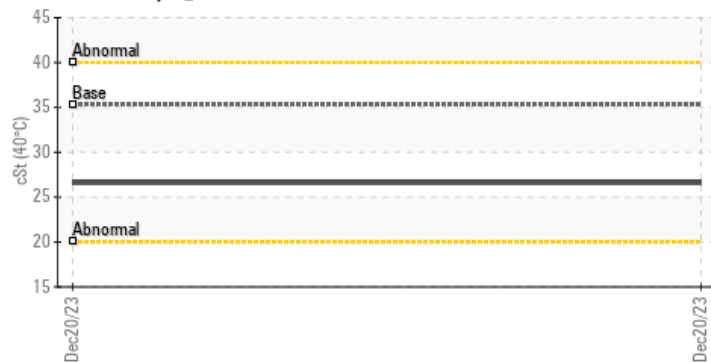
◆ Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

