



CONSTRUCTION EQUIPMENT

SWA393943 CIC VOLVO A40F A40F 1 1441 - TRANSMISSION (AUTO)



Sample No: VCP420854
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA393943 CIC



SAMPLE INFORMATION

Sample Number	VCP420854	VCP0006261	---	---
Sample Date	25 Oct 2023	28 Feb 2023	---	---
Machine Hours	14700	14724	---	---
Oil Hours	1000	14724	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256
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T:
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OIL CONDITION

Visc @ 40°C	cSt	29.3	32.8	---	---
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CONTAMINATION

Silicon	ppm	9	11	---	---
Sodium	ppm	13	6	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	9	135	---	---
Copper	ppm	41	35	---	---
Lead	ppm	2	0	---	---
Tin	ppm	16	4	---	---
Aluminum	ppm	11	19	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	5	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	71	25	---	---
Magnesium	ppm	11	4	---	---
Zinc	ppm	0	17	---	---
Phosphorus	ppm	186	197	---	---
Barium	ppm	0	0	---	---
Boron	ppm	74	104	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We advise that you inspect for possible wear. Resample at the next service interval to monitor. High concentration of visible metal present. 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.

Depot: VOLVO0092
Unique No: 10713441
Signed: Jonathan Hester
Report Date: 31 Oct 2023



CONSTRUCTION EQUIPMENT

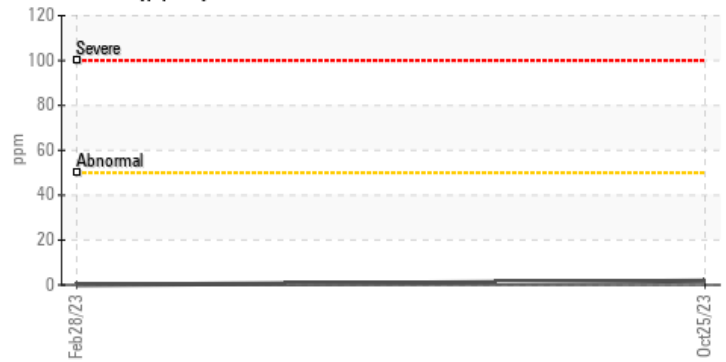


GRAPHS

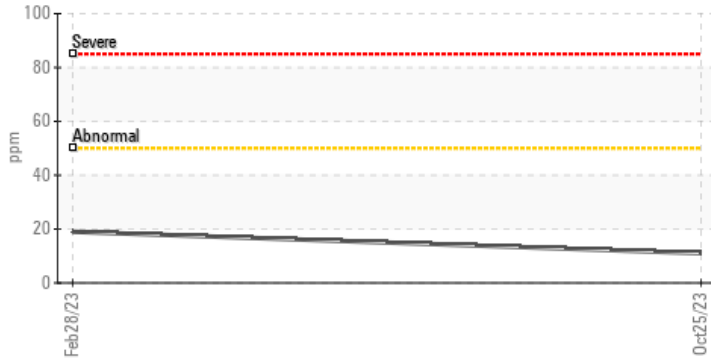
Iron (ppm)



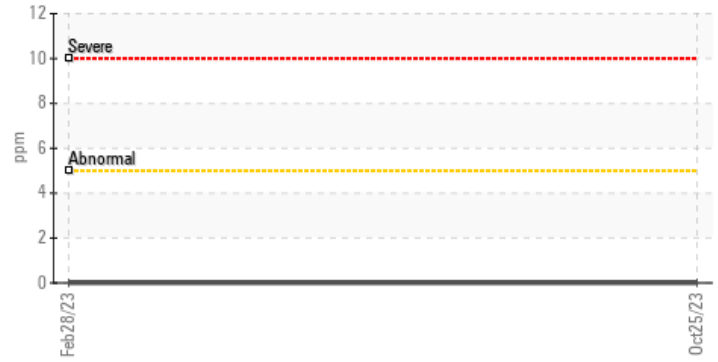
Lead (ppm)



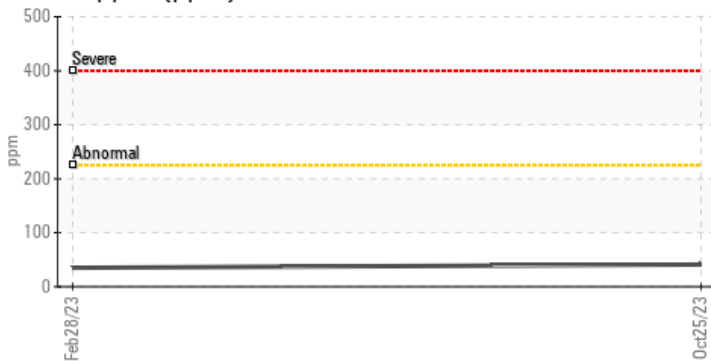
Aluminum (ppm)



Chromium (ppm)



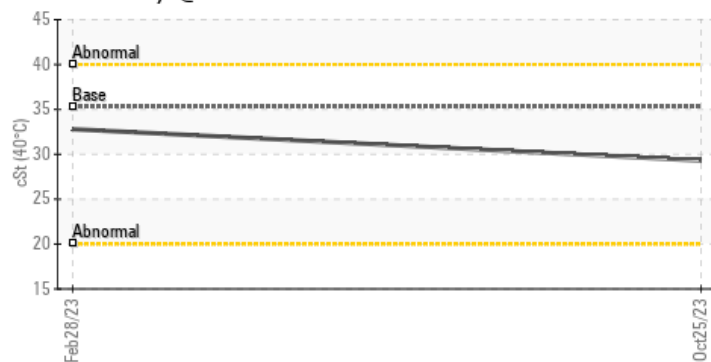
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

