



CONSTRUCTION EQUIPMENT

715671 MOSAIC VOLVO A40G 353420 - TRANSMISSION



Sample No: VCP451466
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 715671 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP451466	VCP440919	---	---
Sample Date	13 May 2024	20 Feb 2024	---	---
Machine Hours	2394	1871	---	---
Oil Hours	2394	1871	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	27.8	32.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	18	16	---	---
Sodium	ppm	8	7	---	---
Potassium	ppm	5	4	---	---



WEAR METALS

Iron	ppm	44	35	---	---
Copper	ppm	39	31	---	---
Lead	ppm	0	0	---	---
Tin	ppm	5	5	---	---
Aluminum	ppm	32	23	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	6	5	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	76	73	---	---
Magnesium	ppm	<1	2	---	---
Zinc	ppm	14	5	---	---
Phosphorus	ppm	189	117	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	82	70	---	---

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.

Depot: VOLVO0093
Unique No: 11072680
Signed: Doug Bogart
Report Date: 12 Jun 2024



CONSTRUCTION EQUIPMENT

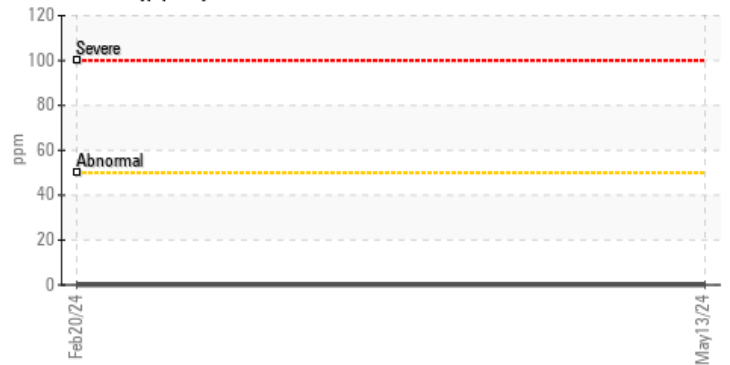


GRAPHS

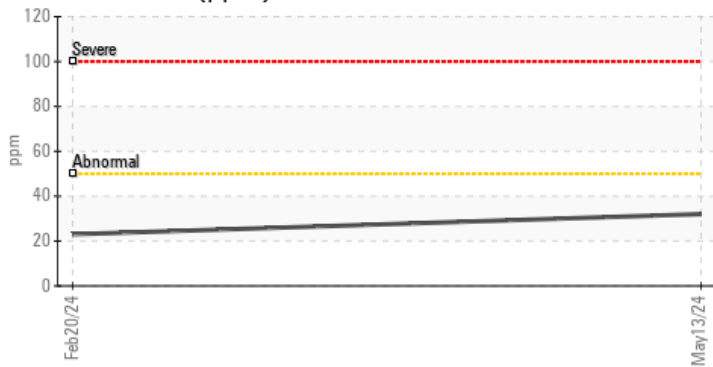
Iron (ppm)



Lead (ppm)



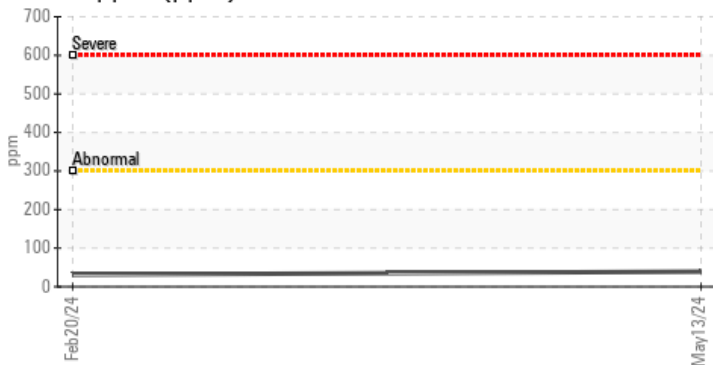
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

