



CONSTRUCTION EQUIPMENT

715855 MOSAIC VOLVO A40G 353384 - TRANSMISSION (AUTO)



Sample No: VCP451490
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 715855 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP451490	VCP454178	VCP432160	---
Sample Date	14 May 2024	13 Jan 2024	02 Nov 2023	---
Machine Hours	2467	1699	1237	---
Oil Hours	2467	0	1237	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	27.4	27.9	28.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	12	16	---
Sodium	ppm	7	5	6	---
Potassium	ppm	4	0	2	---



WEAR METALS

Iron	ppm	30	23	37	---
Copper	ppm	18	14	28	---
Lead	ppm	0	0	0	---
Tin	ppm	3	2	3	---
Aluminum	ppm	20	13	18	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	2	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	76	64	70	---
Magnesium	ppm	1	0	0	---
Zinc	ppm	14	5	6	---
Phosphorus	ppm	190	196	181	---
Barium	ppm	1	<1	0	---
Boron	ppm	86	81	76	---

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: 11072677
Signed: Doug Bogart
Report Date: 12 Jun 2024

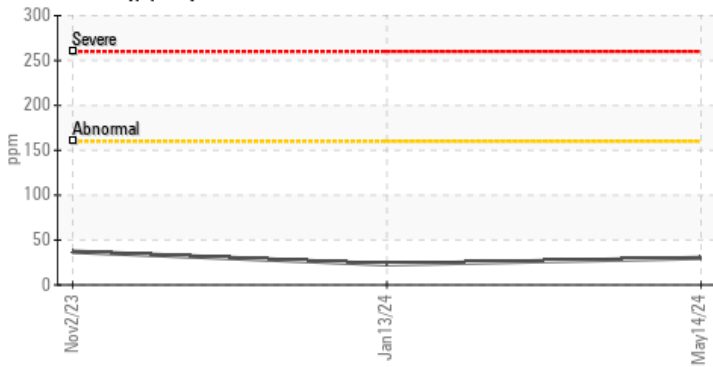


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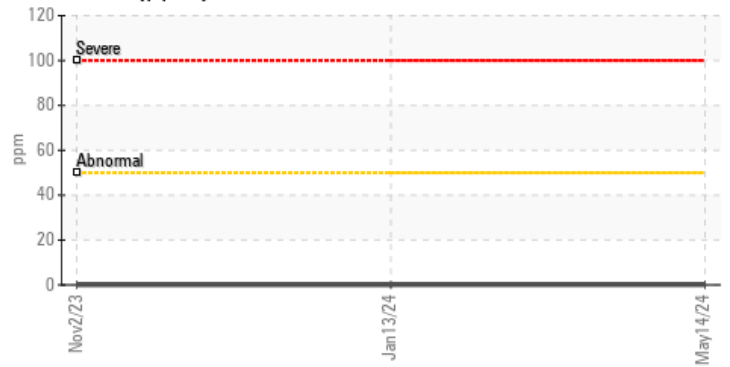


GRAPHS

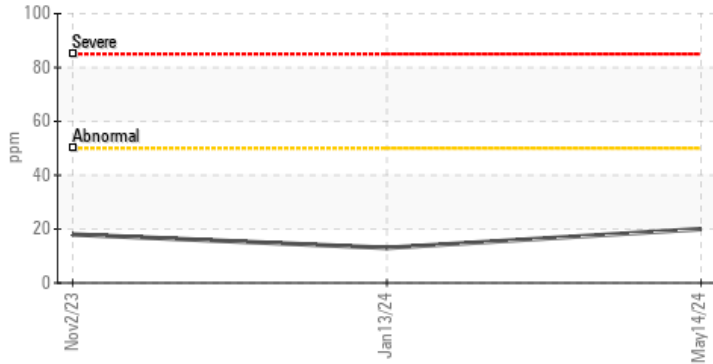
Iron (ppm)



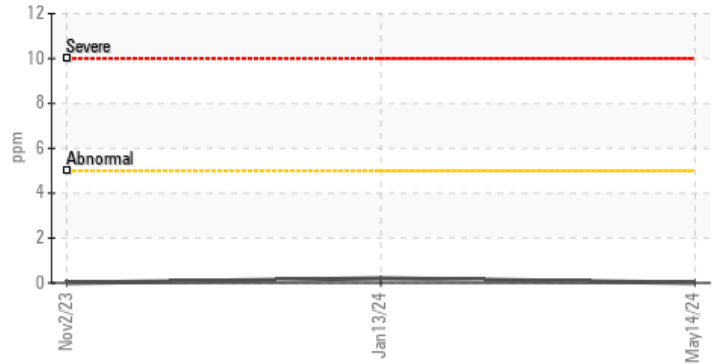
Lead (ppm)



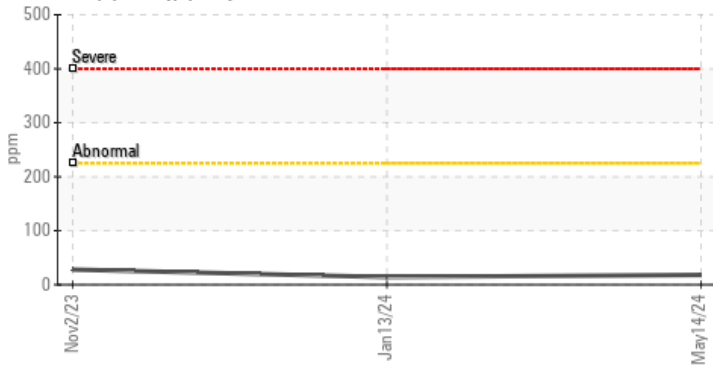
Aluminum (ppm)



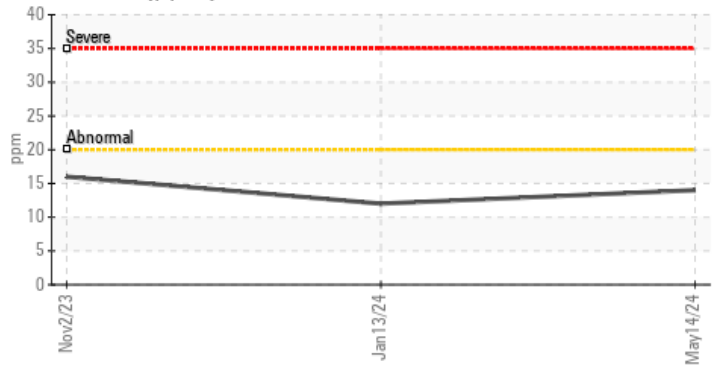
Chromium (ppm)



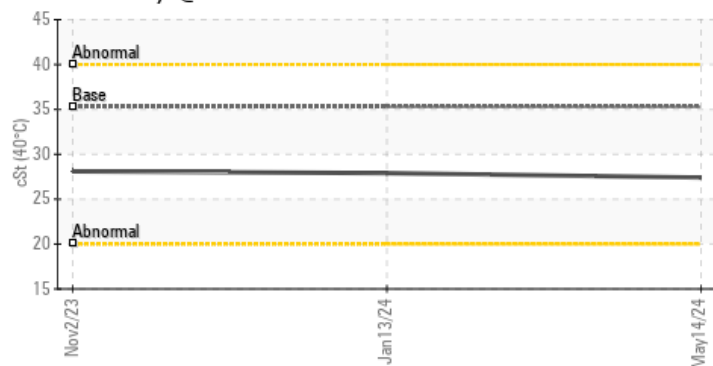
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

