



CONSTRUCTION EQUIPMENT

565037 VOLVO A45G 353312 - TRANSMISSION (AUTO)



Sample No: VCP437570
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 565037



ALTA EQUIPMENT COMPANY
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SAMPLE INFORMATION

Sample Number	VCP437570	VCP396468	---	---
Sample Date	23 May 2024	07 Nov 2023	---	---
Machine Hours	2986	2546	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	26.6	26.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	9	6	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	53	48	---	---
Copper	ppm	34	25	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	6	4	---	---
Aluminum	ppm	32	26	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	2	3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	81	75	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	10	9	---	---
Phosphorus	ppm	194	192	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	72	75	---	---

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: VOLVO0090
Unique No: 11056610
Signed: Wes Davis
Report Date: 30 May 2024

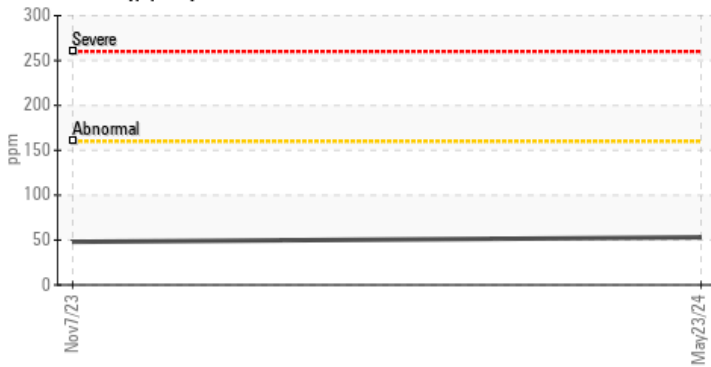


CONSTRUCTION EQUIPMENT

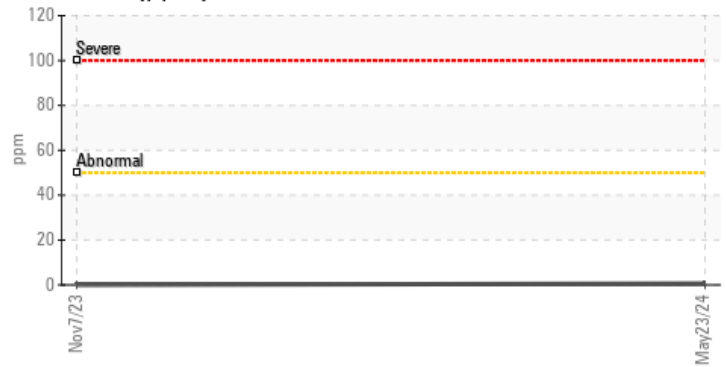


GRAPHS

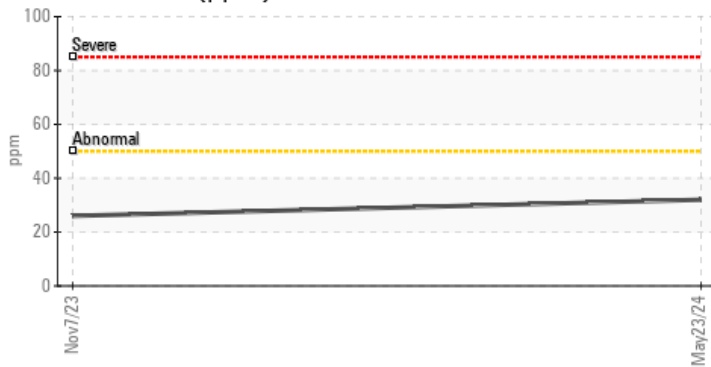
Iron (ppm)



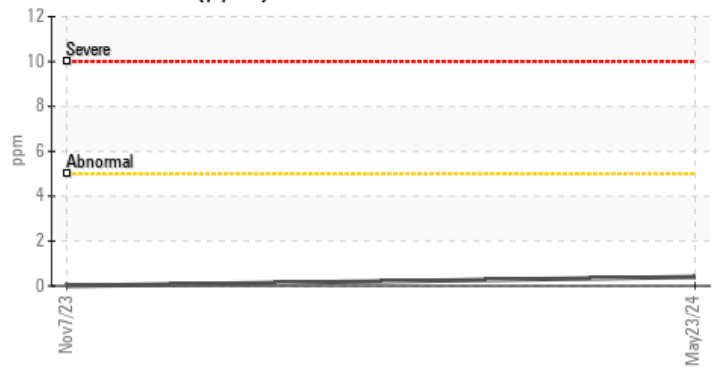
Lead (ppm)



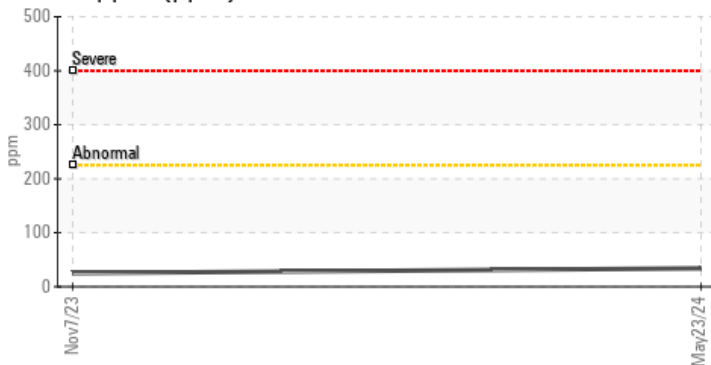
Aluminum (ppm)



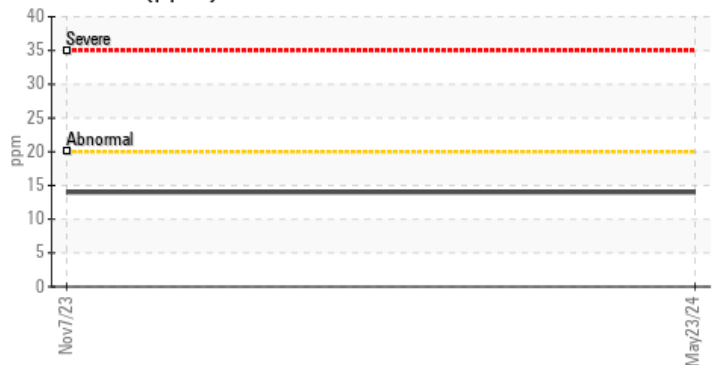
Chromium (ppm)



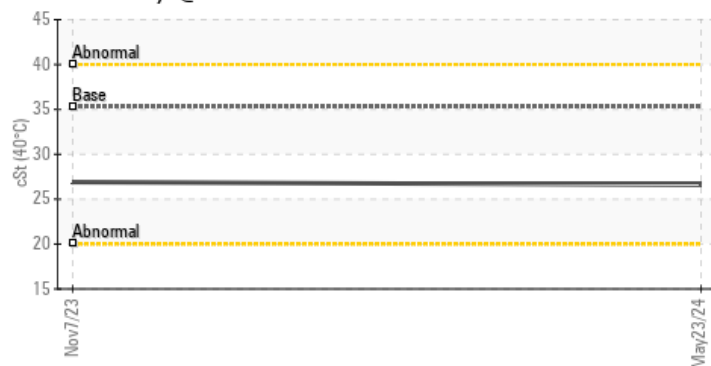
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

