



CONSTRUCTION EQUIPMENT

63091 VOLVO A45G 342225 - TRANSMISSION (AUTO)



Sample No: VCP409119
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 63091



SAMPLE INFORMATION

Sample Number	VCP409119	VCP369878	---	---
Sample Date	03 May 2024	30 Apr 2024	---	---
Machine Hours	7226	7225	---	---
Oil Hours	0	1240	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	SEVERE	---	---

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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	74	---	---
Sodium	ppm	5	3	---	---
Potassium	ppm	2	3	---	---

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.



WEAR METALS

Iron	ppm	38	66	---	---
Copper	ppm	12	15	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	4	4	---	---
Aluminum	ppm	14	21	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	85	91	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	8	13	---	---
Phosphorus	ppm	202	213	---	---
Barium	ppm	0	0	---	---
Boron	ppm	82	91	---	---

Depot: VOLVO0016
Unique No: 11016440
Signed: Jonathan Hester
Report Date: 08 May 2024

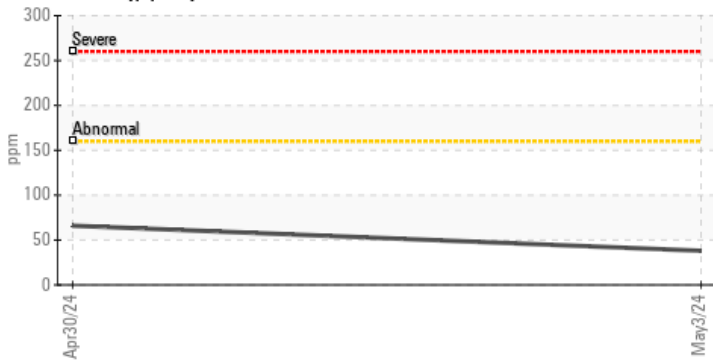


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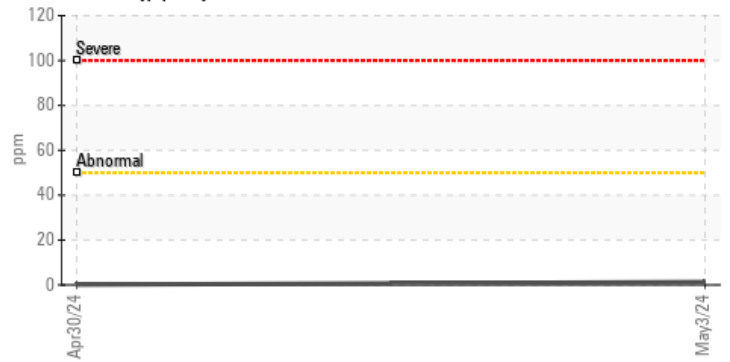


GRAPHS

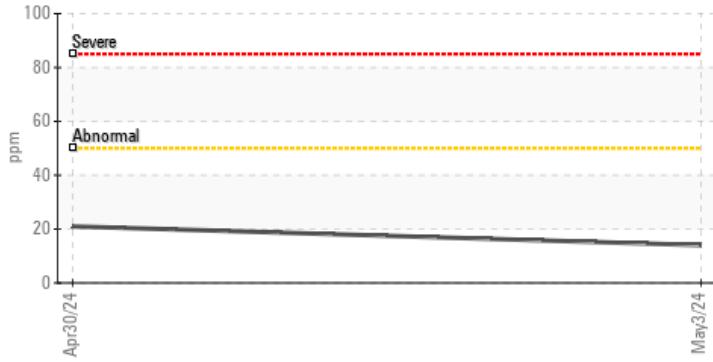
Iron (ppm)



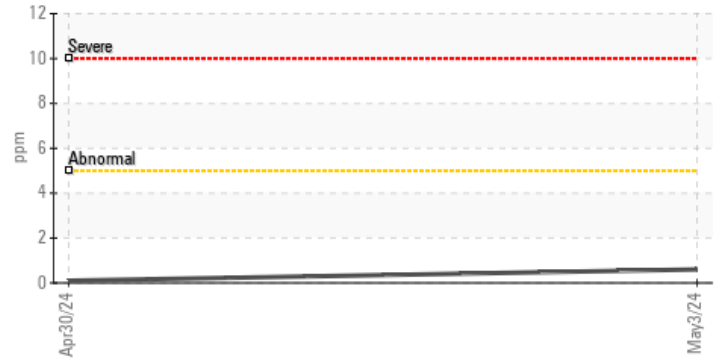
Lead (ppm)



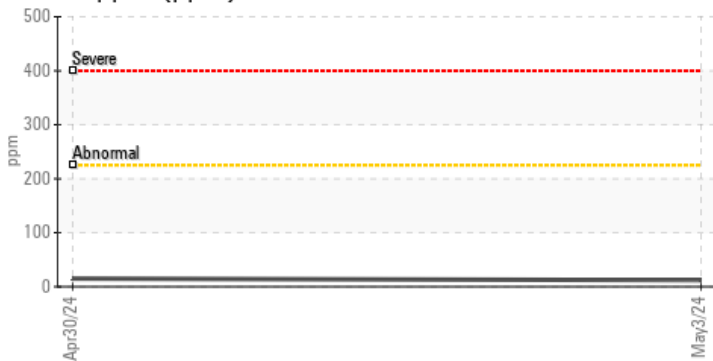
Aluminum (ppm)



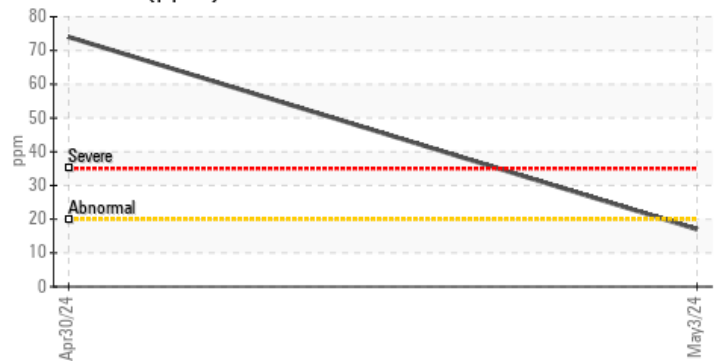
Chromium (ppm)



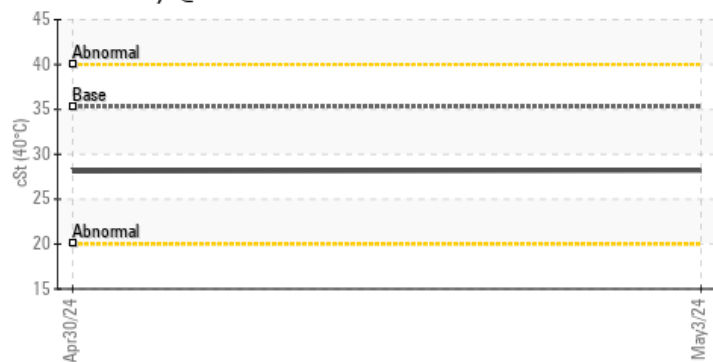
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

