



CONSTRUCTION EQUIPMENT

137464 MJ VOLVO A45G FS 342342 - TRANSMISSION (AUTO)



Sample No: VCP348493
Oil Type: VOLVO AT 102
Job No: 137464 MJ



SAMPLE INFORMATION

Sample Number	VCP348493	VCP268324	---	---
Sample Date	23 Apr 2024	09 Jun 2021	---	---
Machine Hours	10047	5661	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.9	27.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	0	<1	---	---

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	22	32	---	---
Copper	ppm	19	11	---	---
Lead	ppm	0	0	---	---
Tin	ppm	3	1	---	---
Aluminum	ppm	8	13	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	71	115	---	---
Magnesium	ppm	<1	5	---	---
Zinc	ppm	0	21	---	---
Phosphorus	ppm	187	183	---	---
Barium	ppm	0	0	---	---
Boron	ppm	94	94	---	---

Depot: VOLVO0113
Unique No: 11004119
Signed: Jonathan Hester
Report Date: 01 May 2024

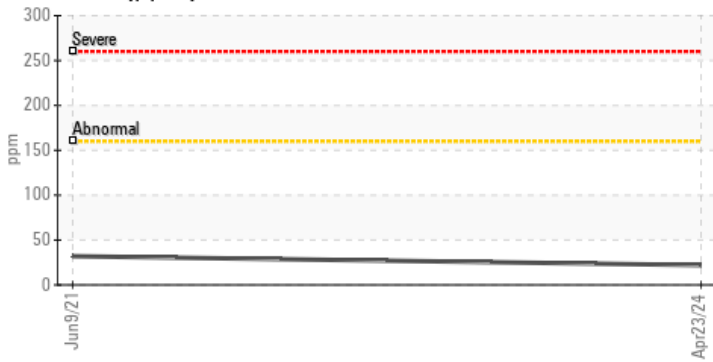


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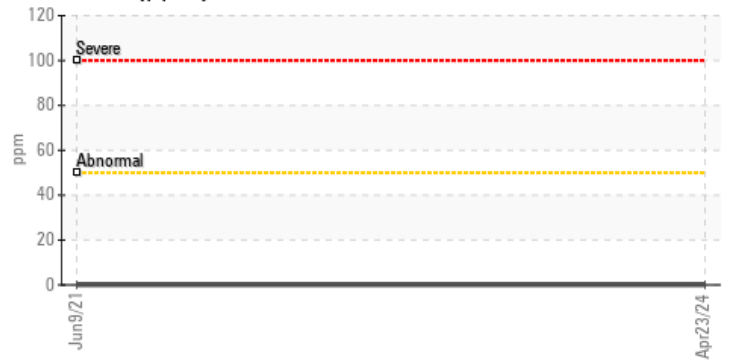


GRAPHS

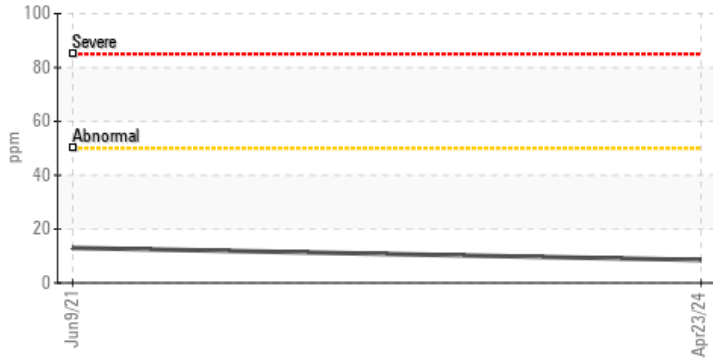
Iron (ppm)



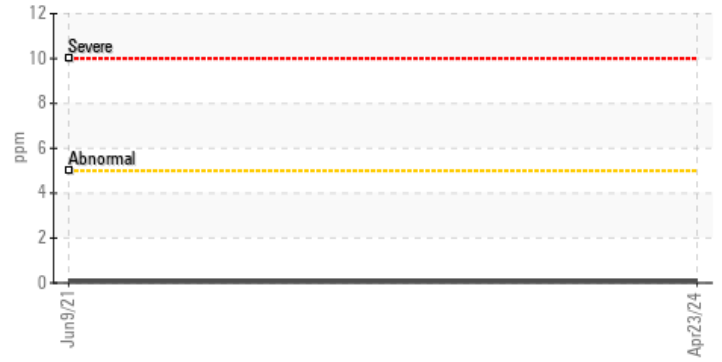
Lead (ppm)



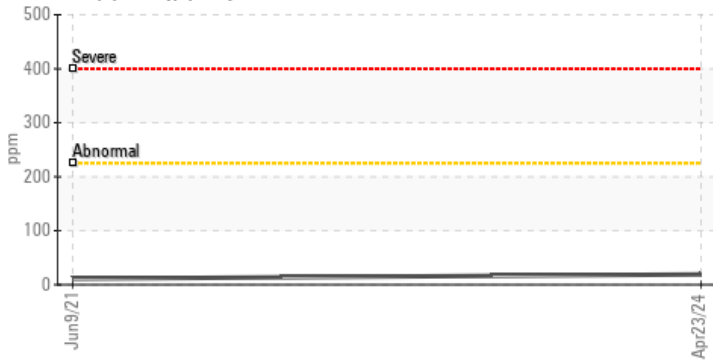
Aluminum (ppm)



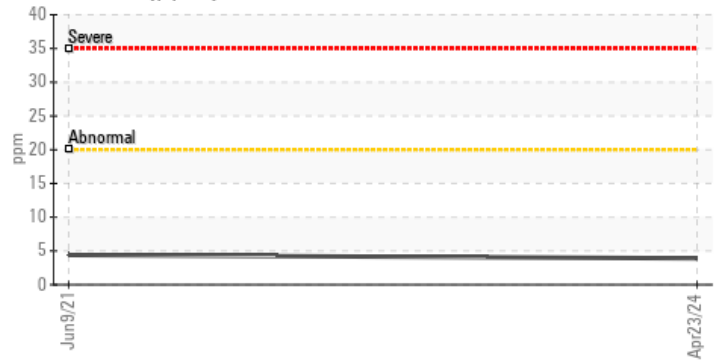
Chromium (ppm)



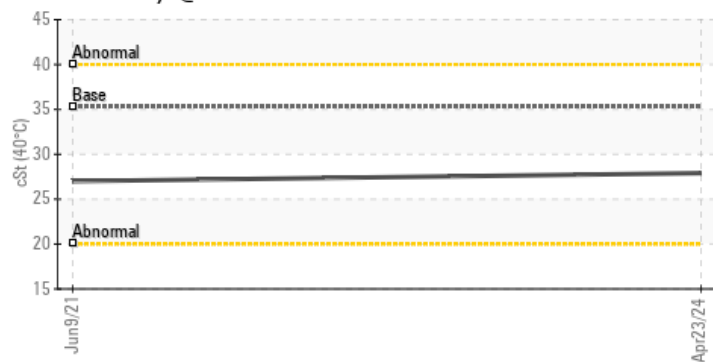
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

