



CONSTRUCTION EQUIPMENT

VOLVO A40G 352506 - TRANSMISSION (AUTO)



Sample No: VCP454245
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454245	VCP436598	---	---
Sample Date	04 Apr 2024	21 Dec 2023	---	---
Machine Hours	7065	6388	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 28.2	█ 29.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 8	█ 4	---	---
Sodium	ppm	█ 4	█ 1	---	---
Potassium	ppm	█ 2	█ <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	█ 32	█ 8	---	---
Copper	ppm	█ 17	█ 8	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 4	█ 2	---	---
Aluminum	ppm	█ 18	█ 5	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 2	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 1	█ <1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 88	█ 76	---	---
Magnesium	ppm	█ 5	█ 4	---	---
Zinc	ppm	█ 11	█ 6	---	---
Phosphorus	ppm	█ 225	█ 150	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 92	█ 87	---	---

Depot: VOLVO0090
Unique No: 1096659
Signed: Don Baldrige
Report Date: 10 Apr 2024

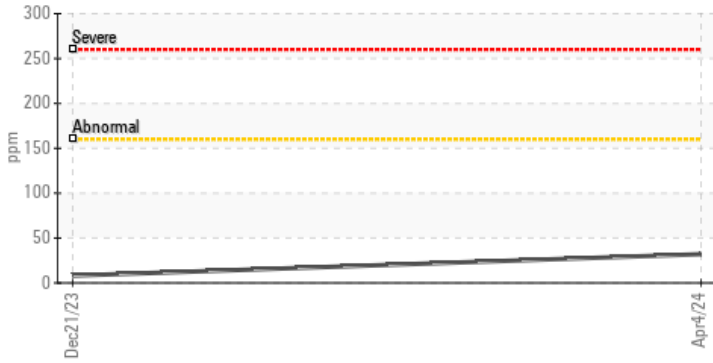


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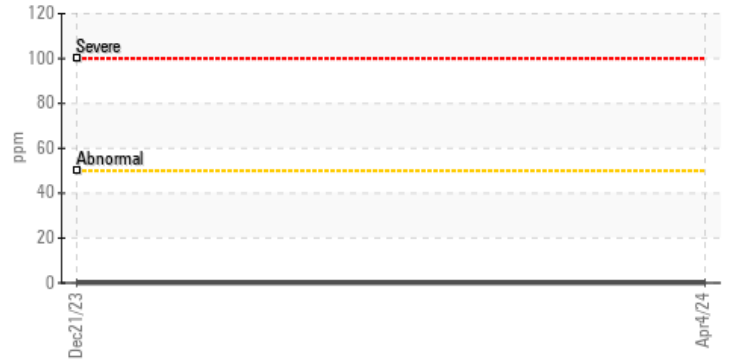


GRAPHS

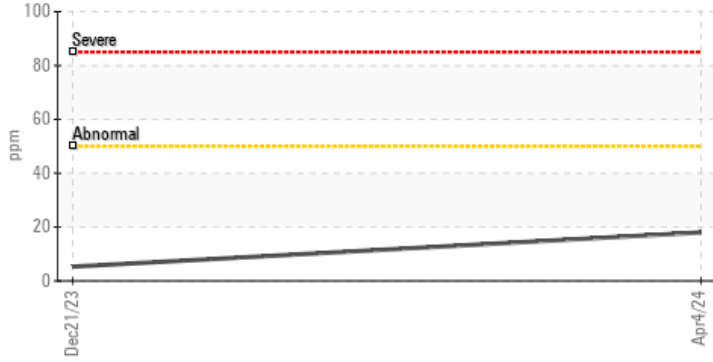
Iron (ppm)



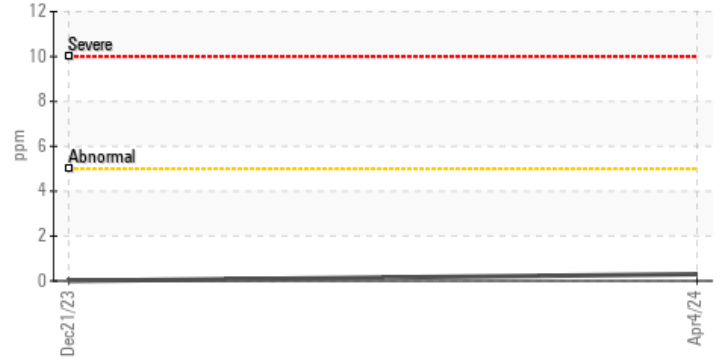
Lead (ppm)



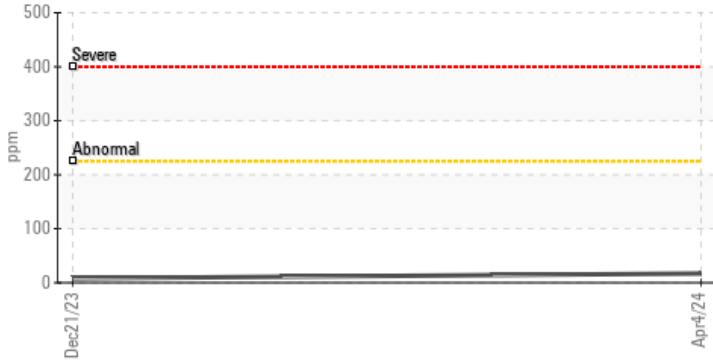
Aluminum (ppm)



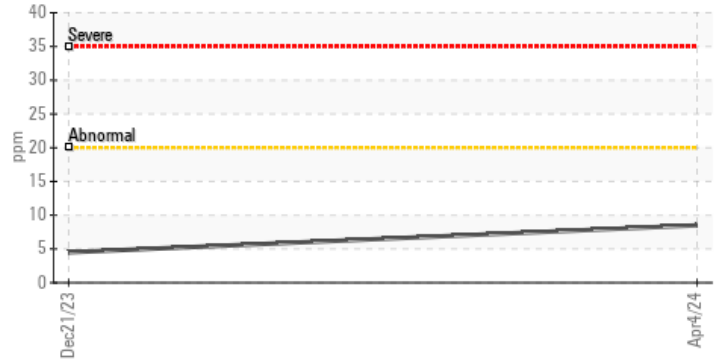
Chromium (ppm)



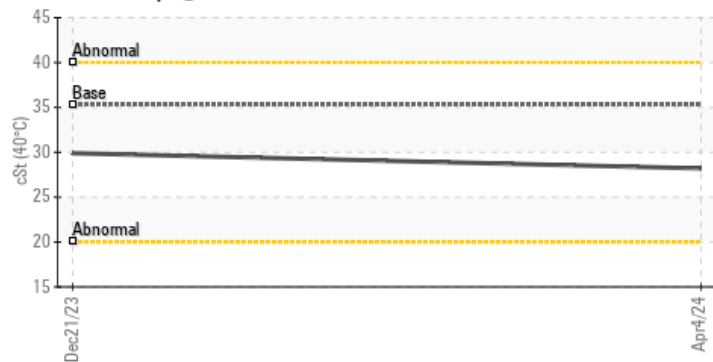
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

