



CONSTRUCTION EQUIPMENT

702732 ATLAS ORGANIC VOLVO L70H 624287 - TRANSMISSION (AUTO)



Sample No: VCP447357
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 702732 ATLAS ORGANIC



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SAMPLE INFORMATION

Sample Number	VCP447357	VCP433423	---	---
Sample Date	24 Apr 2024	22 Sep 2023	---	---
Machine Hours	3515	2648	---	---
Oil Hours	3515	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	27.2	27.2	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	303	317	---	---
Copper	ppm	9	8	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	10	12	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	73	77	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	51	45	---	---
Phosphorus	ppm	197	175	---	---
Barium	ppm	0	0	---	---
Boron	ppm	60	54	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: 11036718
Signed: Don Baldrige
Report Date: 22 May 2024

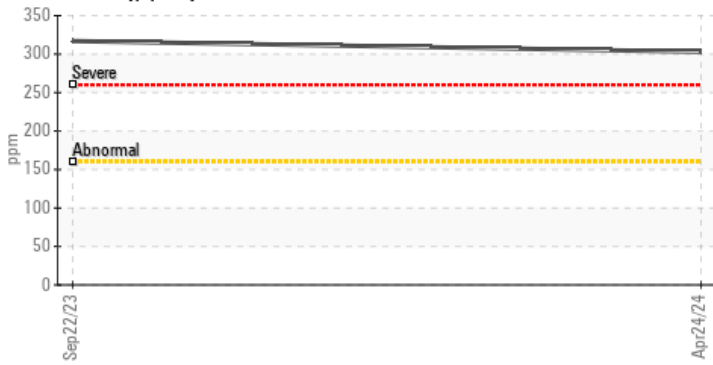


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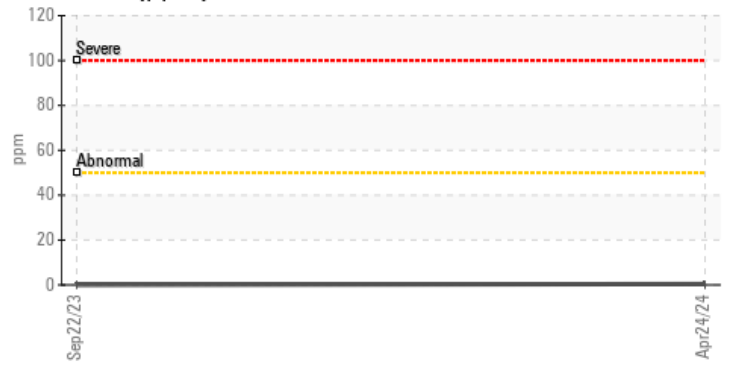


GRAPHS

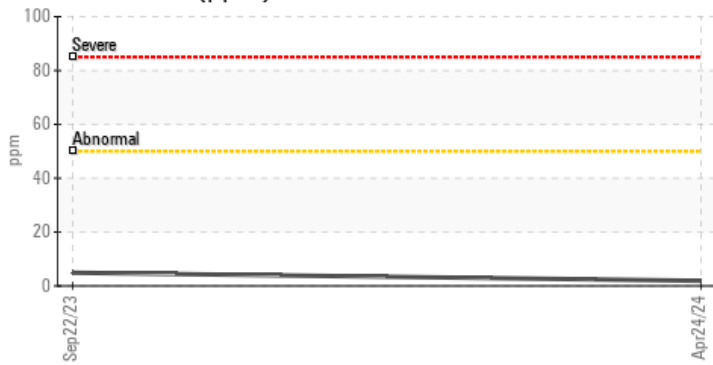
▲ Iron (ppm)



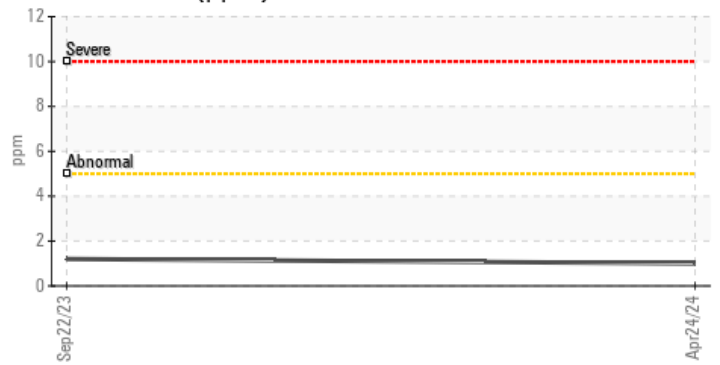
Lead (ppm)



Aluminum (ppm)



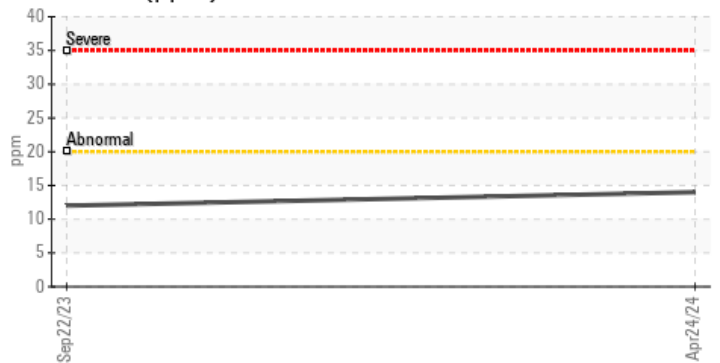
Chromium (ppm)



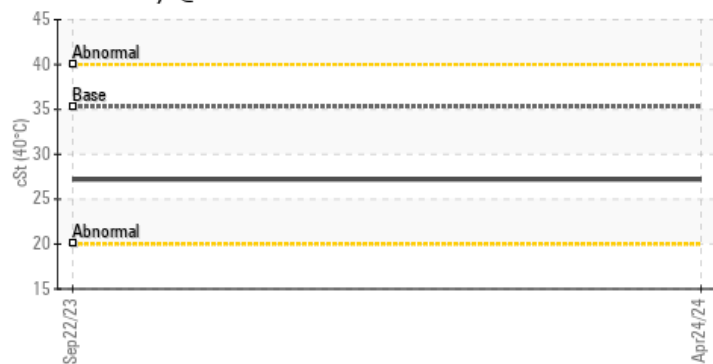
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

