



CONSTRUCTION EQUIPMENT

661038 ATLAS VOLVO L70H 623710 - TRANSMISSION (AUTO)



Sample No: VCP437680
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 661038 ATLAS



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SAMPLE INFORMATION

Sample Number	VCP437680	VCP414494	VCP425059	---
Sample Date	22 Jan 2024	12 Oct 2023	29 Jun 2023	---
Machine Hours	9343	8743	8172	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	30.8	30.9	33.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	5	6	---
Sodium	ppm	4	7	6	---
Potassium	ppm	2	3	2	---



WEAR METALS

Iron	ppm	136	122	▲ 208	---
Copper	ppm	102	89	168	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	409	430	809	---
Magnesium	ppm	7	5	10	---
Zinc	ppm	228	255	457	---
Phosphorus	ppm	286	323	453	---
Barium	ppm	<1	0	0	---
Boron	ppm	45	45	33	---

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: VOLVO0096
Unique No: 10850094
Signed: Wes Davis
Report Date: 30 Jan 2024

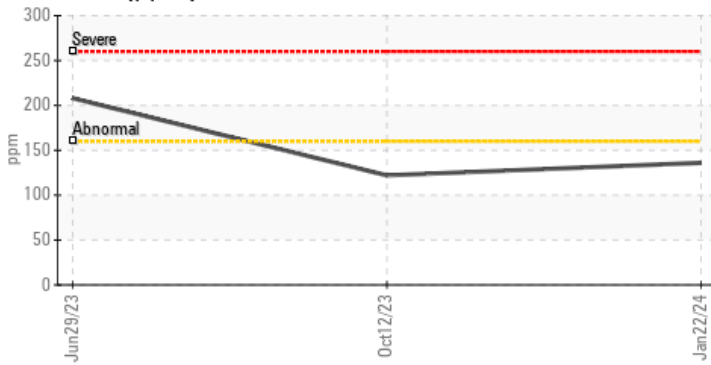


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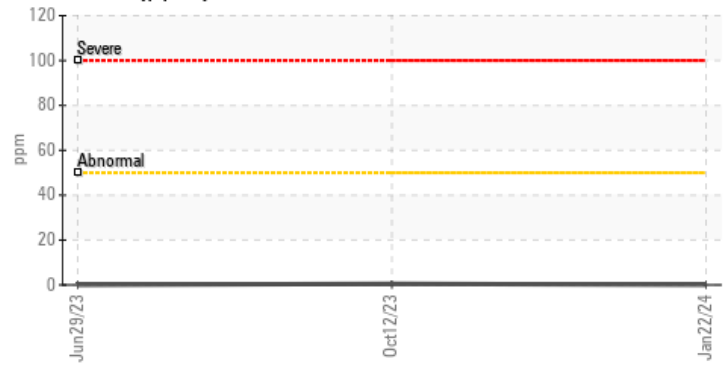


GRAPHS

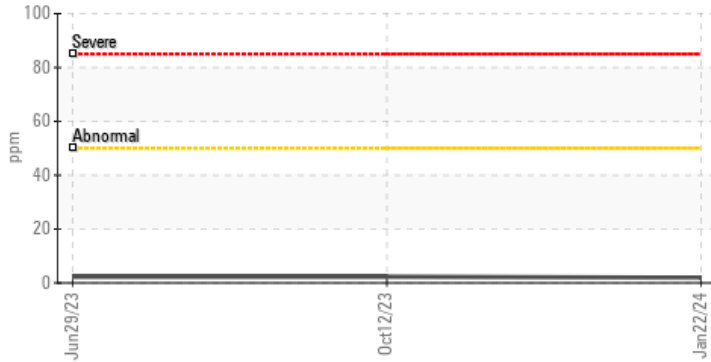
Iron (ppm)



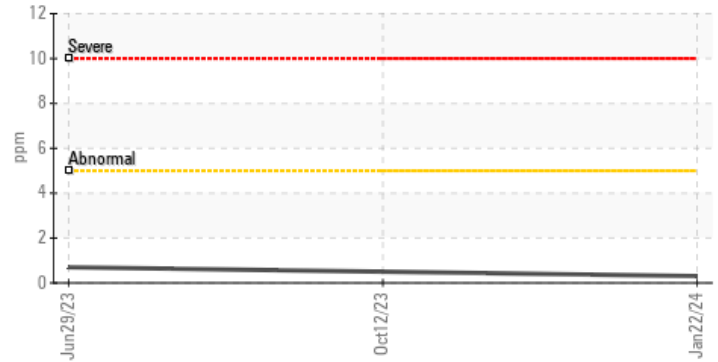
Lead (ppm)



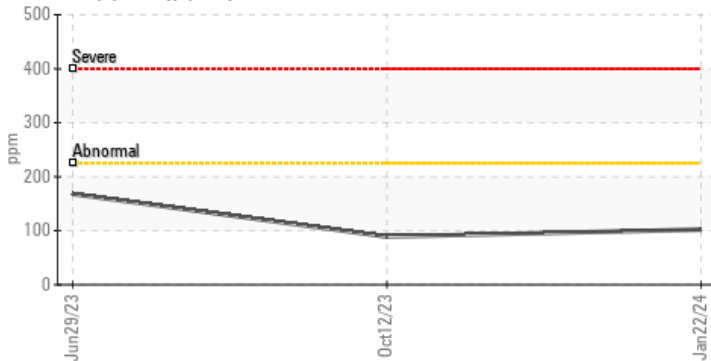
Aluminum (ppm)



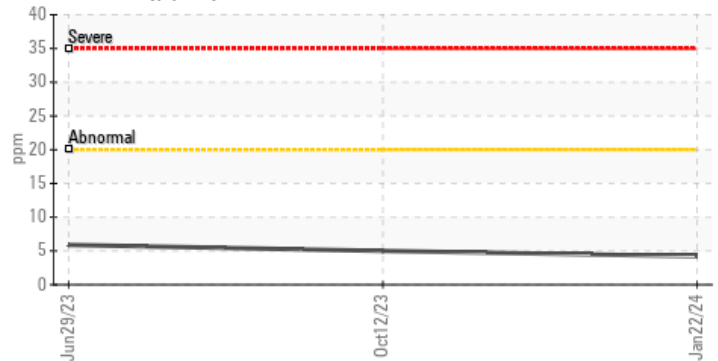
Chromium (ppm)



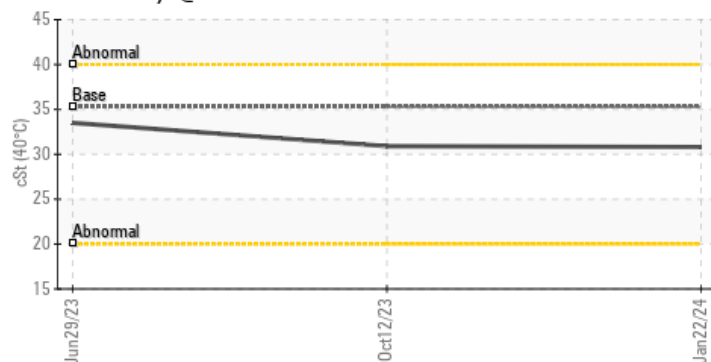
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

