



CONSTRUCTION EQUIPMENT

688272 ATLAS ORGANIC VOLVO L120H 632550 - TRANSMISSION (AUTO)



Sample No: VCP455036
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 688272 ATLAS ORGANIC



SAMPLE INFORMATION

Sample Number	VCP455036	VCP425490	---	---
Sample Date	18 Mar 2024	30 Jun 2023	---	---
Machine Hours	8704	7690	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 29.5	█ 26.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 6	█ 4	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 3	█ 2	---	---

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	█ 73	█ 11	---	---
Copper	ppm	█ 13	█ 4	---	---
Lead	ppm	█ 1	█ 0	---	---
Tin	ppm	█ 1	█ <1	---	---
Aluminum	ppm	█ 9	█ 5	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ 5	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 3	█ 1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 51	█ 80	---	---
Magnesium	ppm	█ 20	█ <1	---	---
Zinc	ppm	█ 200	█ 3	---	---
Phosphorus	ppm	█ 159	█ 201	---	---
Barium	ppm	█ 1	█ 0	---	---
Boron	ppm	█ 45	█ 94	---	---

Depot: VOLVO0096
Unique No: 10941484
Signed: Jonathan Hester
Report Date: 27 Mar 2024

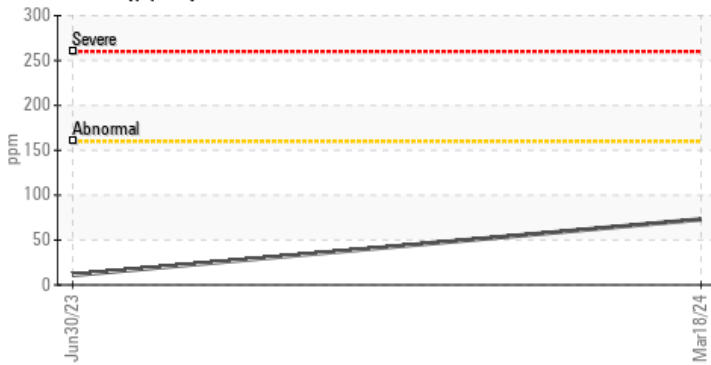


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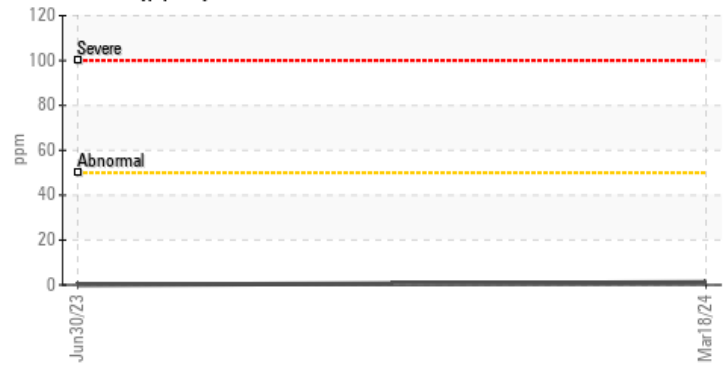


GRAPHS

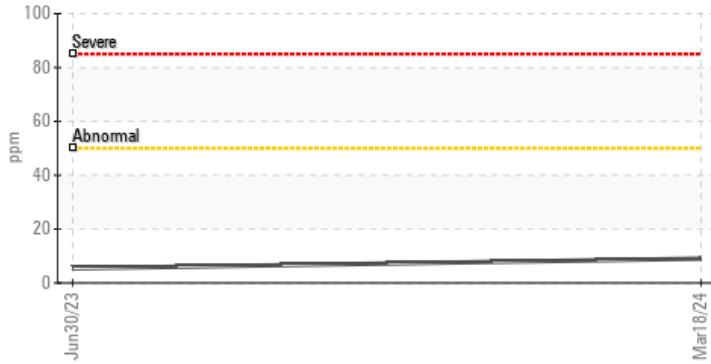
Iron (ppm)



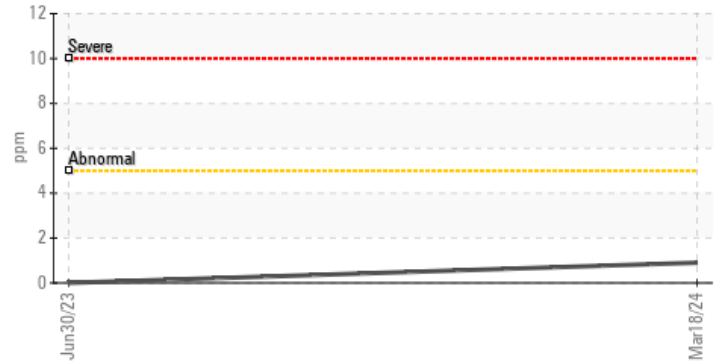
Lead (ppm)



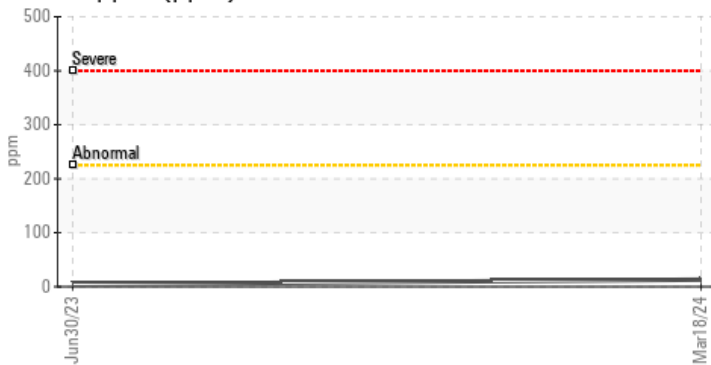
Aluminum (ppm)



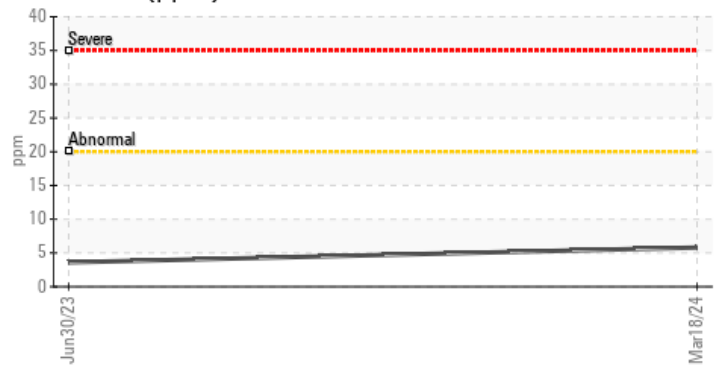
Chromium (ppm)



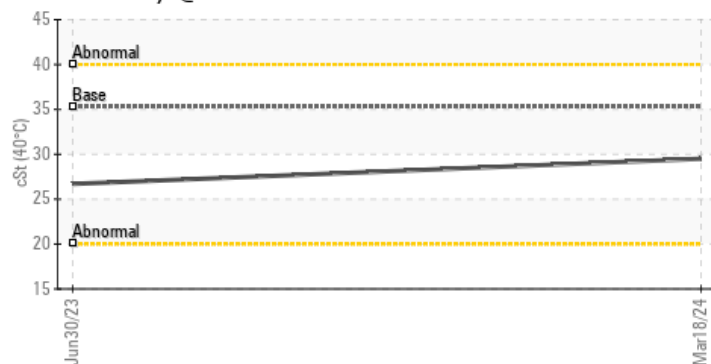
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

