



CONSTRUCTION EQUIPMENT

728856 ATLAS ORGANIC VOLVO L120H 632574 - TRANSMISSION (AUTO)



Sample No: VCP443011
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 728856 ATLAS ORGANIC



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SAMPLE INFORMATION

Sample Number	VCP443011	VCP437080	VCP416301	---
Sample Date	11 Jun 2024	05 Mar 2024	19 Sep 2023	---
Machine Hours	9732	9129	8606	---
Oil Hours	1500	1000	4000	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	27.6	30.5	21.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	9	---
Sodium	ppm	3	2	3	---
Potassium	ppm	<1	<1	<1	---



WEAR METALS

Iron	ppm	30	18	67	---
Copper	ppm	3	2	6	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	7	6	14	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	79	80	108	---
Magnesium	ppm	2	4	6	---
Zinc	ppm	8	10	32	---
Phosphorus	ppm	176	116	152	---
Barium	ppm	0	0	2	---
Boron	ppm	83	87	45	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11127120
Signed: Don Baldrige
Report Date: 18 Jul 2024

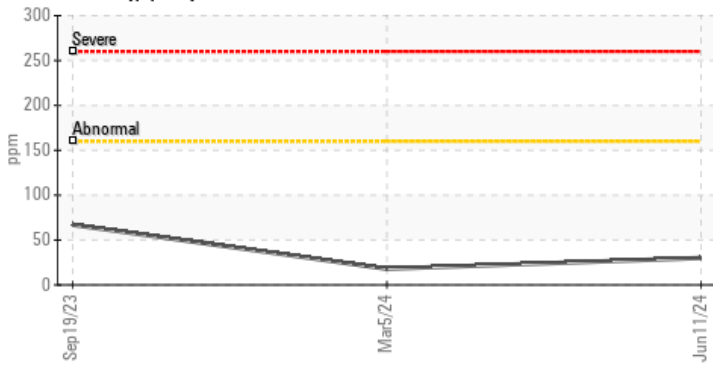


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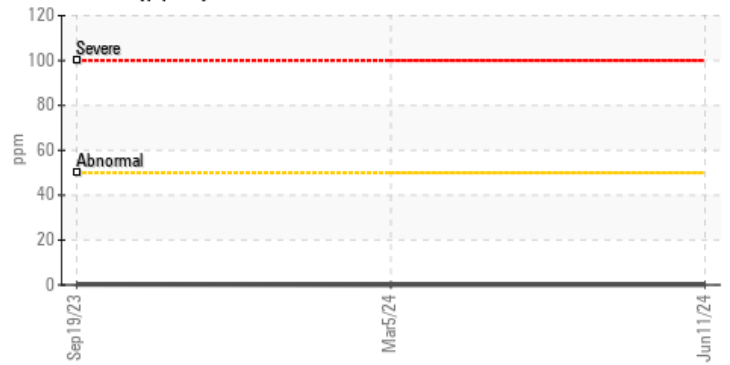


GRAPHS

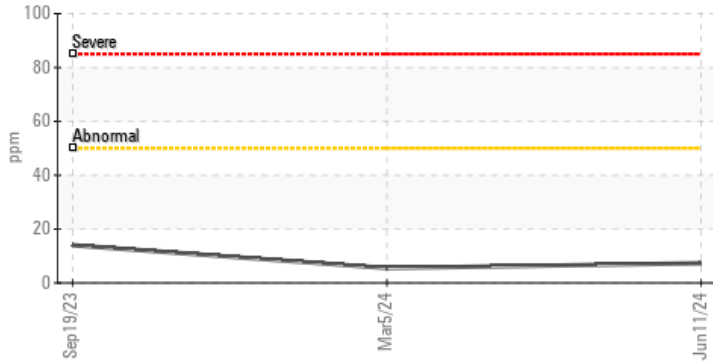
Iron (ppm)



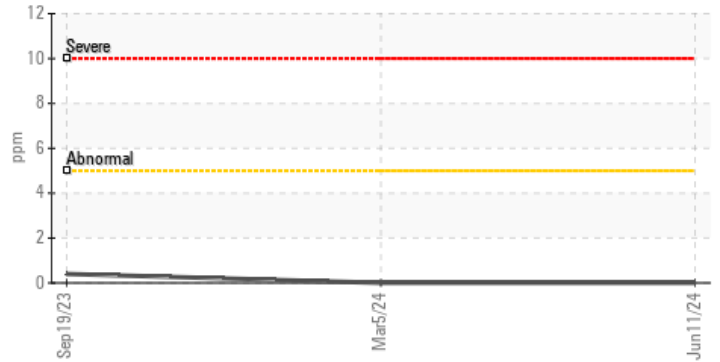
Lead (ppm)



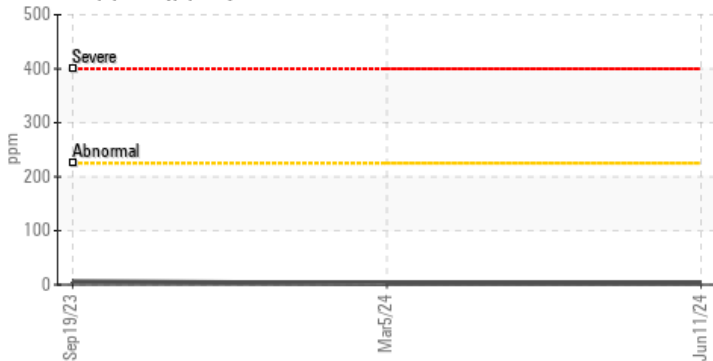
Aluminum (ppm)



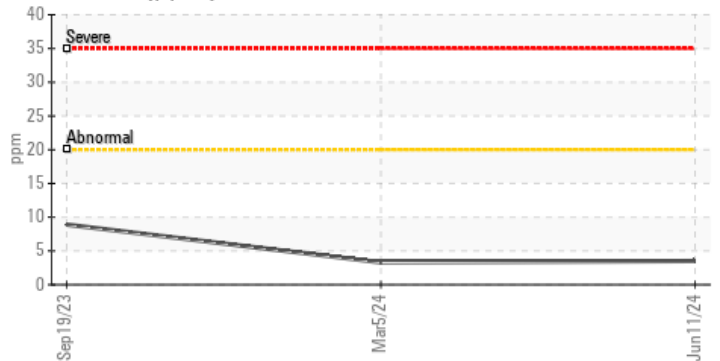
Chromium (ppm)



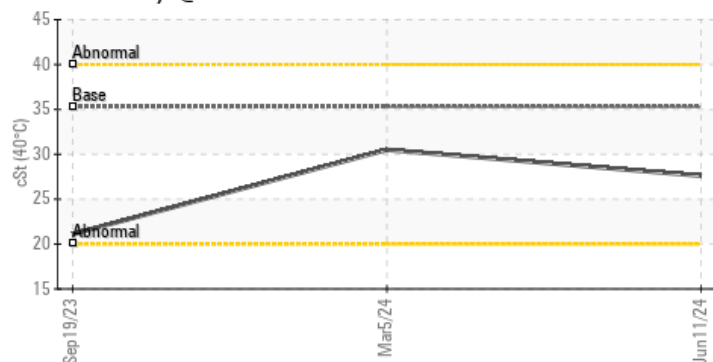
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

