



CONSTRUCTION EQUIPMENT

ATLAS ORG VOLVO L70H 624288 - TRANSMISSION (AUTO)



Sample No: VCP417037
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: ATLAS ORG



SAMPLE INFORMATION

Sample Number	VCP417037	VCP355076	---	---
Sample Date	16 Aug 2023	20 Jun 2022	---	---
Machine Hours	2287	925	---	---
Oil Hours	0	925	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.4	27.9	---	---
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CONTAMINATION

Silicon	ppm	11	13	---	---
Sodium	ppm	9	4	---	---
Potassium	ppm	3	3	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 164	122	---	---
Copper	ppm	10	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	6	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	12	11	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	82	96	---	---
Magnesium	ppm	0	3	---	---
Zinc	ppm	18	47	---	---
Phosphorus	ppm	195	224	---	---
Barium	ppm	0	0	---	---
Boron	ppm	54	63	---	---

Depot: VOLVO0093
Unique No: 10655665
Signed: Jonathan Hester
Report Date: 20 Sep 2023

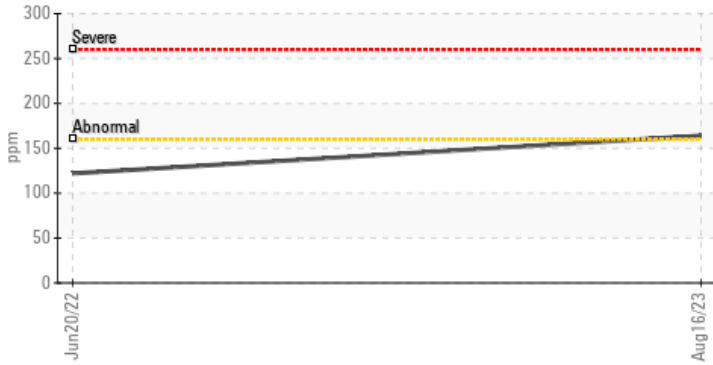


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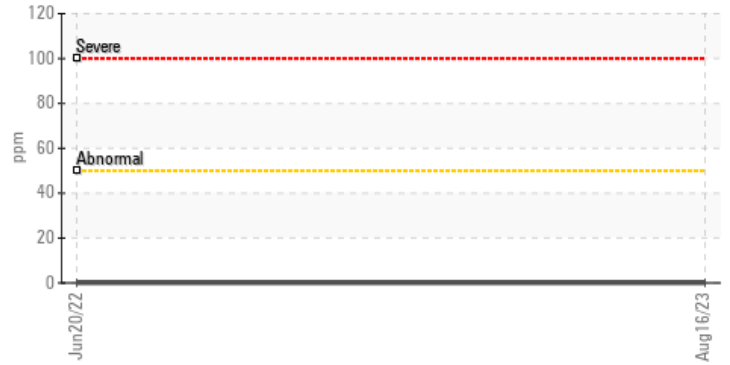


GRAPHS

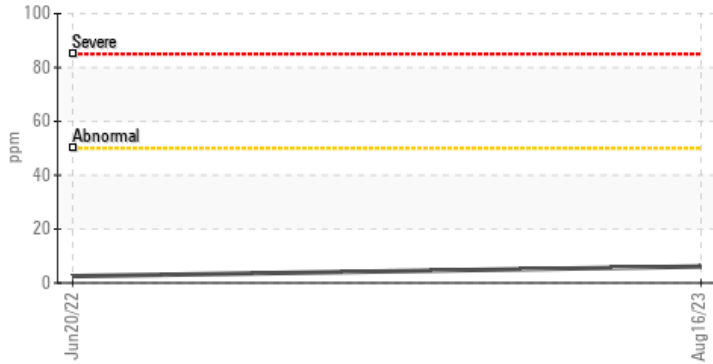
▲ Iron (ppm)



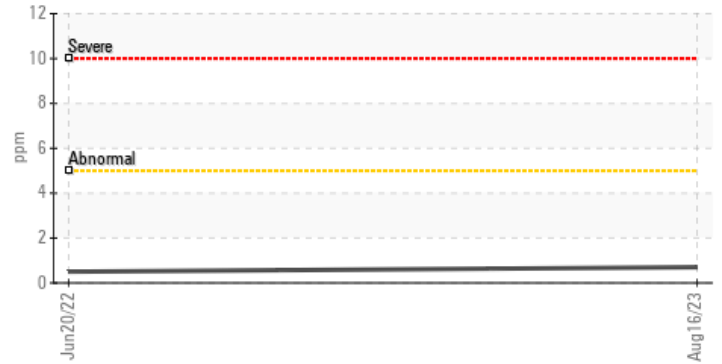
Lead (ppm)



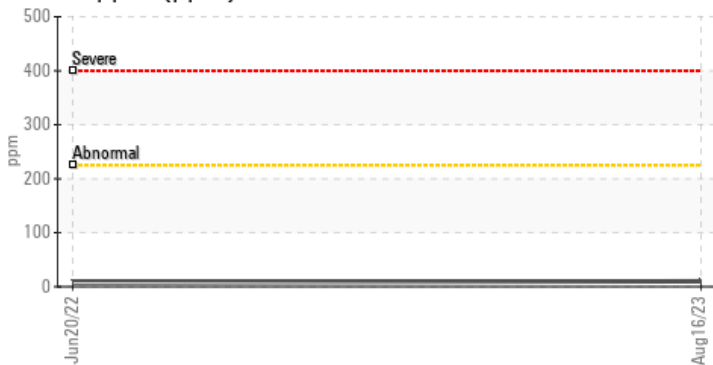
Aluminum (ppm)



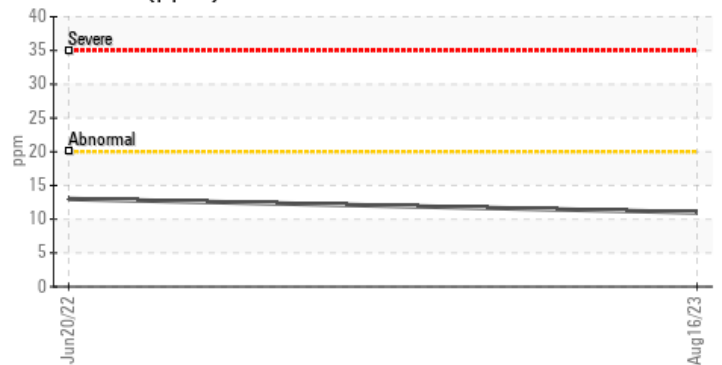
Chromium (ppm)



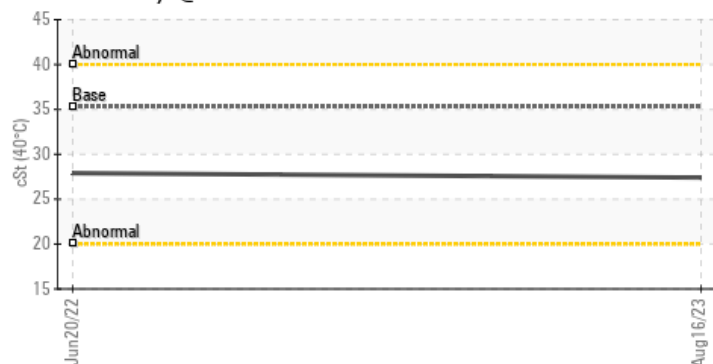
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

