



CONSTRUCTION EQUIPMENT

VOLVO L70H 623718 - TRANSMISSION (AUTO)



Sample No: VCP437729
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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SAMPLE INFORMATION

Sample Number	VCP437729	VCP328960	VCP293102	---
Sample Date	14 Mar 2024	28 Sep 2021	12 Oct 2020	---
Machine Hours	4276	1618	518	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	26.4	27.5	26.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	6	7	---
Sodium	ppm	3	4	4	---
Potassium	ppm	3	2	2	---



WEAR METALS

Iron	ppm	▲ 162	94	67	---
Copper	ppm	8	5	5	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	7	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	97	107	92	---
Magnesium	ppm	2	2	1	---
Zinc	ppm	55	41	28	---
Phosphorus	ppm	169	172	168	---
Barium	ppm	0	0	1	---
Boron	ppm	49	63	74	---

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: VOLVO0090
Unique No: 10936928
Signed: Don Baldrige
Report Date: 21 Mar 2024

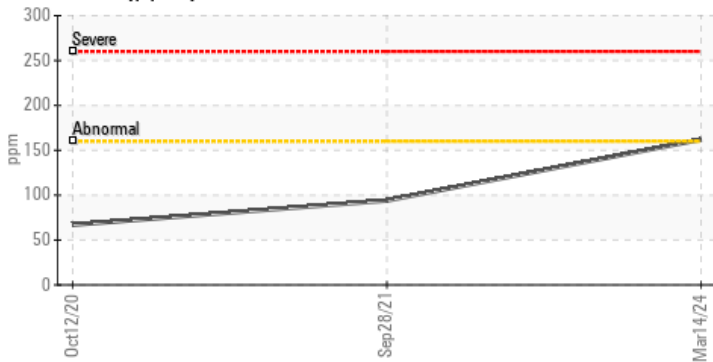


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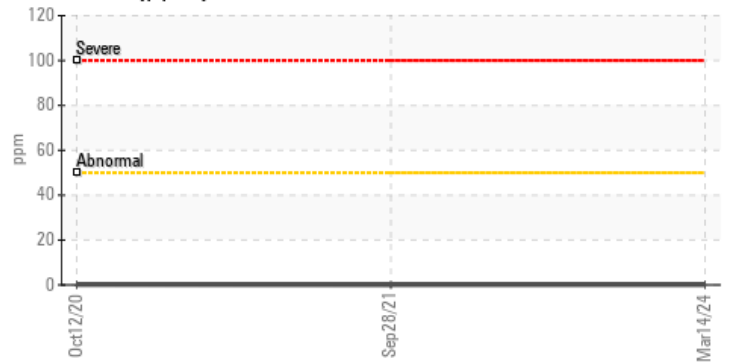


GRAPHS

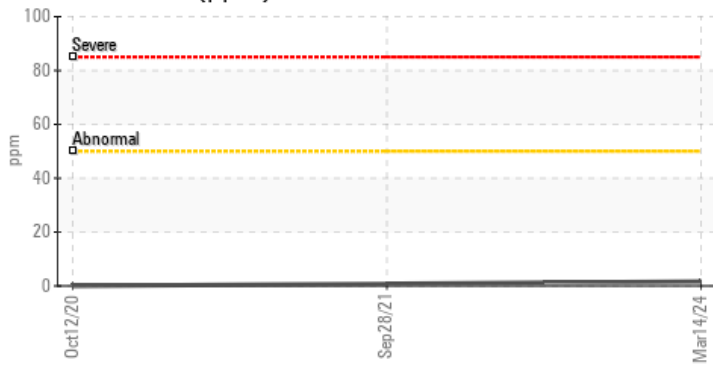
▲ Iron (ppm)



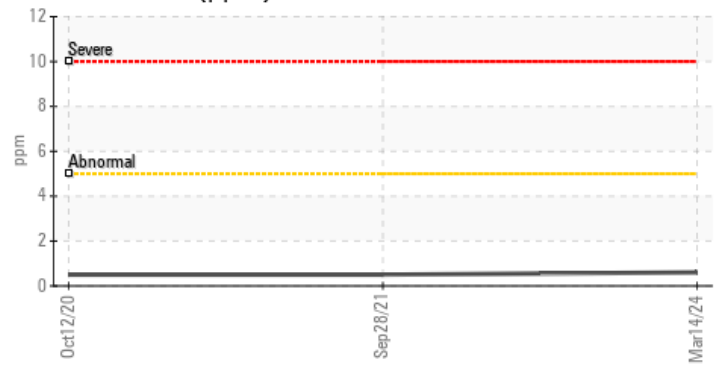
Lead (ppm)



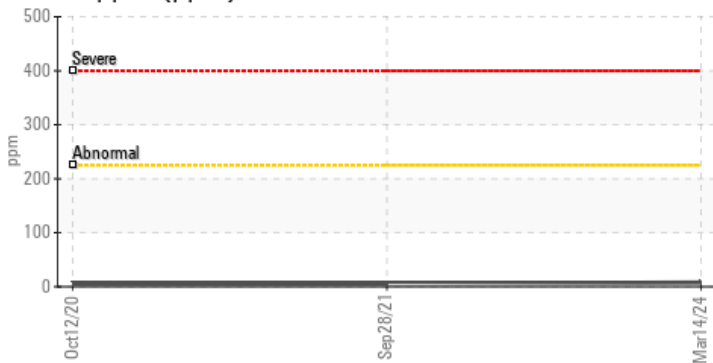
Aluminum (ppm)



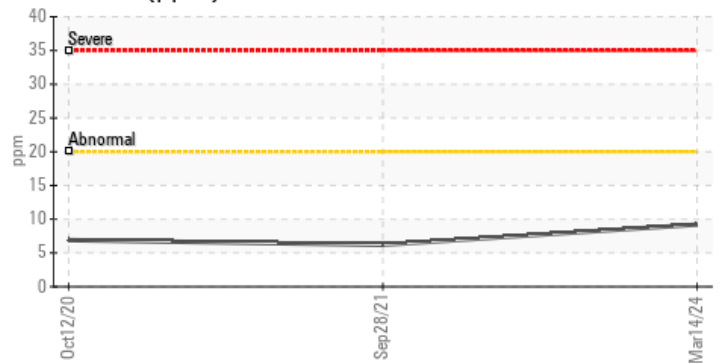
Chromium (ppm)



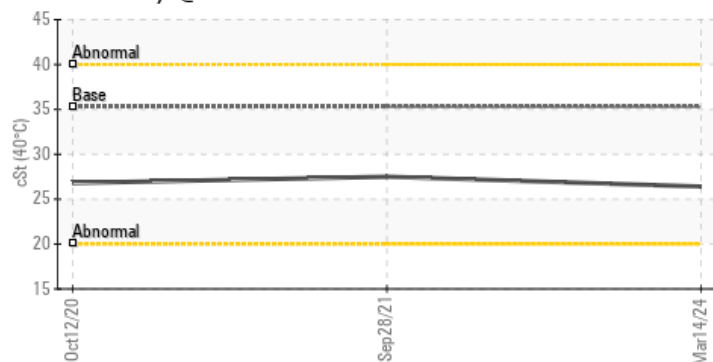
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

