



CONSTRUCTION EQUIPMENT

700821 HILSBOROUGH VOLVO L120H 633404 - TRANSMISSION (AUTO)



Sample No: VCP437947
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 700821 HILSBOROUGH



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SAMPLE INFORMATION

Sample Number	VCP437947	VCP427474	---	---
Sample Date	08 Apr 2024	28 Sep 2023	---	---
Machine Hours	2034	1023	---	---
Oil Hours	2039	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	31.9	28.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	11	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	60	47	---	---
Copper	ppm	6	5	---	---
Lead	ppm	1	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	71	72	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	11	1	---	---
Phosphorus	ppm	192	157	---	---
Barium	ppm	1	0	---	---
Boron	ppm	89	86	---	---

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: VOLVO0093
Unique No: 11019092
Signed: Sean Felton
Report Date: 10 May 2024

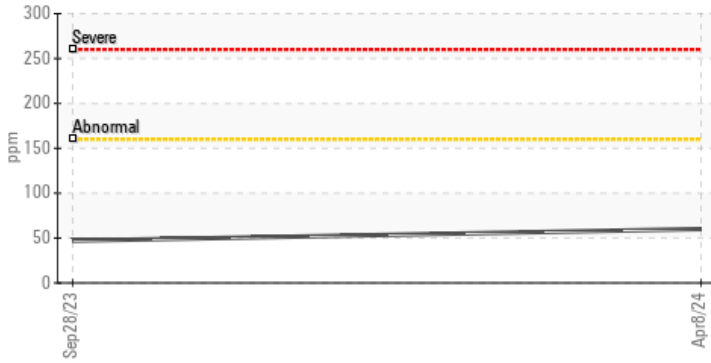


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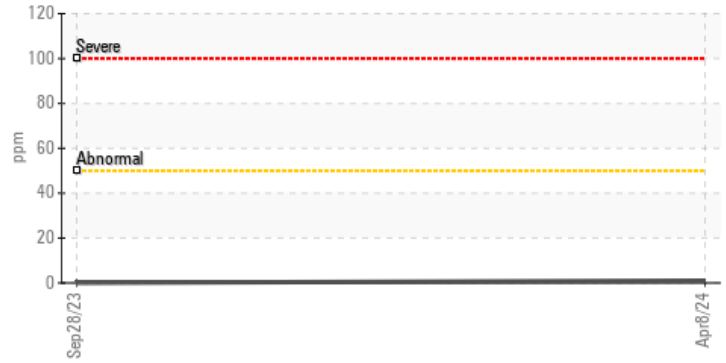


GRAPHS

Iron (ppm)



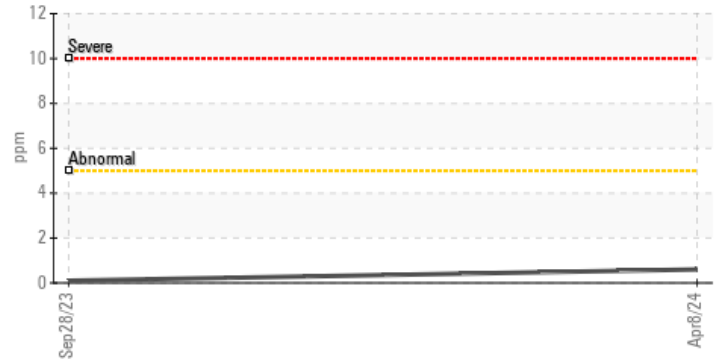
Lead (ppm)



Aluminum (ppm)



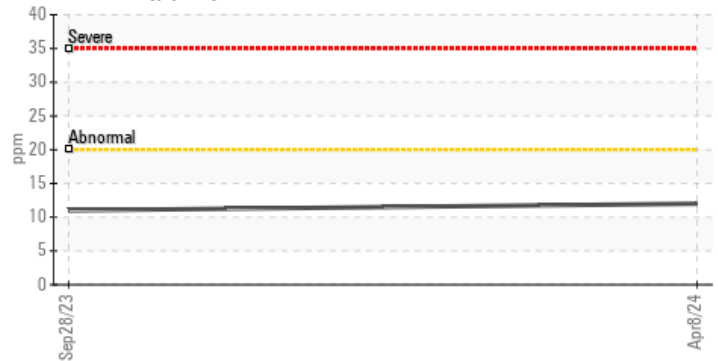
Chromium (ppm)



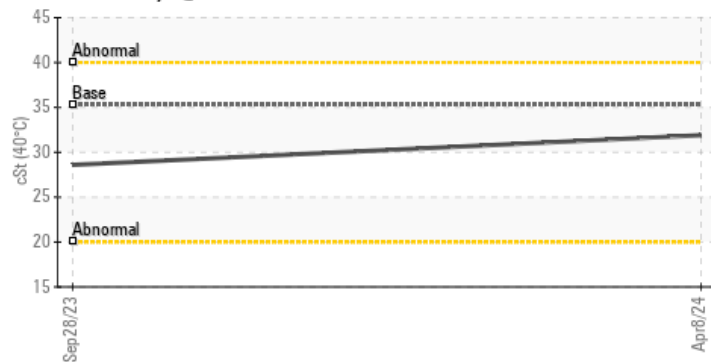
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

