



CONSTRUCTION EQUIPMENT

CITY OF TAMPA VOLVO L120H 632838 - TRANSMISSION (AUTO)



Sample No: VCP444694
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: CITY OF TAMPA



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP444694	VCP429252	---	---
Sample Date	07 May 2024	03 Oct 2023	---	---
Machine Hours	3855	2360	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 28.8	█ 26.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 11	█ 9	---	---
Sodium	ppm	█ 8	█ 6	---	---
Potassium	ppm	█ 5	█ <1	---	---



WEAR METALS

Iron	ppm	█ 44	█ 71	---	---
Copper	ppm	█ 20	█ 8	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 5	█ 0	---	---
Aluminum	ppm	█ 26	█ 3	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	0	---	---
Nickel	ppm	█ 1	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 3	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 75	43	---	---
Magnesium	ppm	█ 0	0	---	---
Zinc	ppm	█ 9	13	---	---
Phosphorus	ppm	█ 199	108	---	---
Barium	ppm	█ 1	0	---	---
Boron	ppm	█ 74	46	---	---

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: 11057955
Signed: Don Baldrige
Report Date: 02 Jun 2024

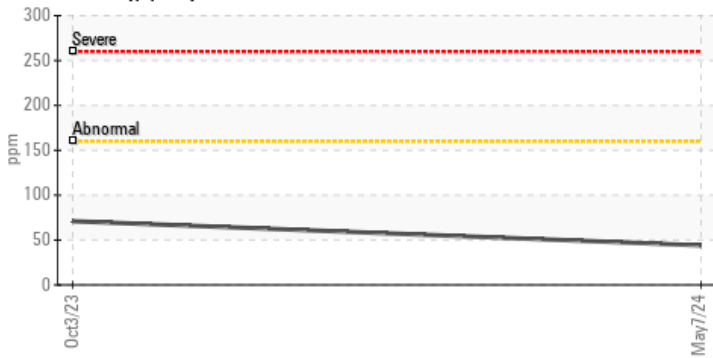


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GRAPHS

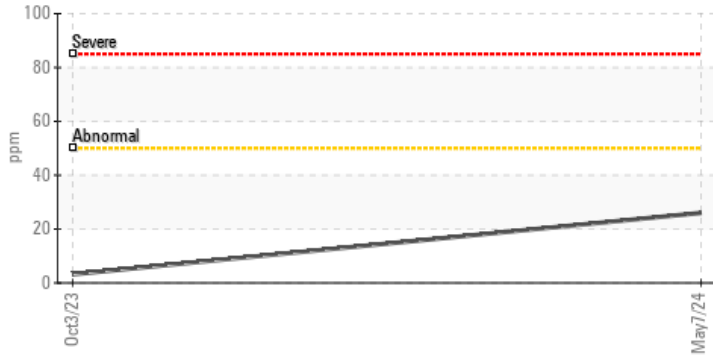
Iron (ppm)



Lead (ppm)



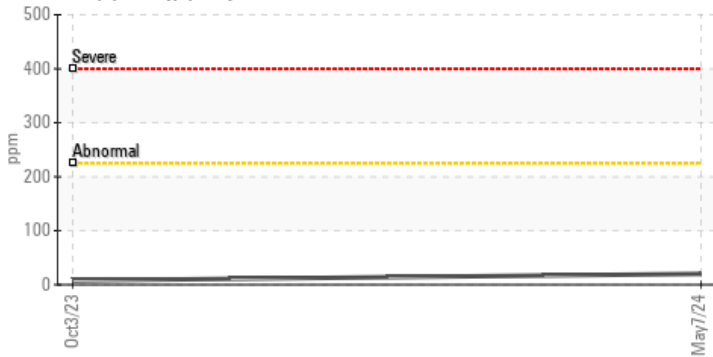
Aluminum (ppm)



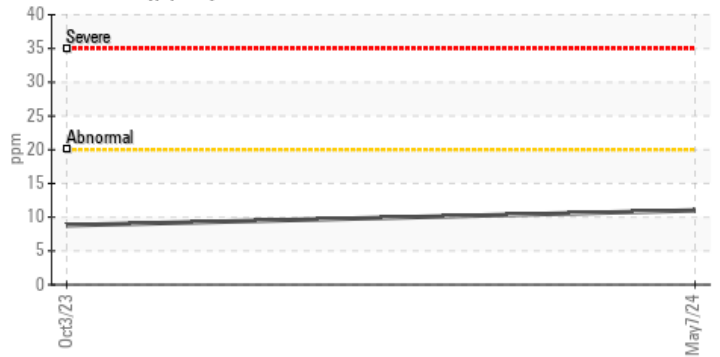
Chromium (ppm)



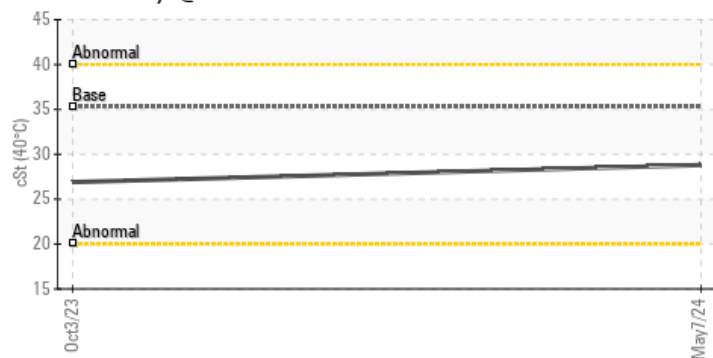
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

