



CONSTRUCTION EQUIPMENT

578918 VOLVO L110H 631271 - TRANSMISSION



Sample No: VCP422919
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 578918



SAMPLE INFORMATION

Sample Number	VCP422919	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	2251	---	---	---
Oil Hours	2251	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 28.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 58	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 82	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 18	---	---	---
Phosphorus	ppm	■ 189	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	■ 85	---	---	---

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: RIPTAM
Unique No: 10602521
Signed: Wes Davis
Report Date: 13 Aug 2023

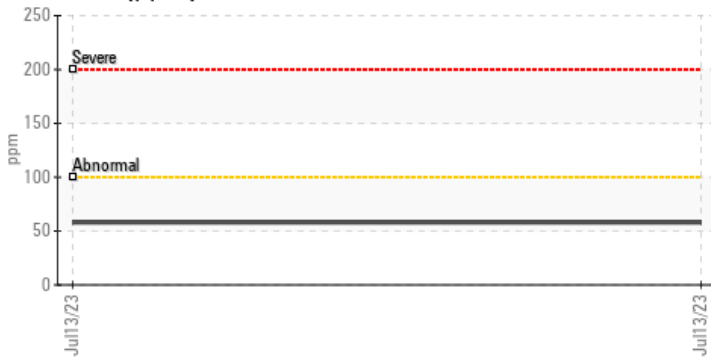


CONSTRUCTION EQUIPMENT



GRAPHS

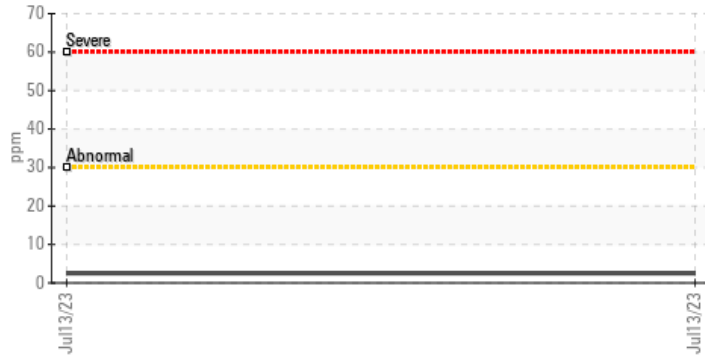
Iron (ppm)



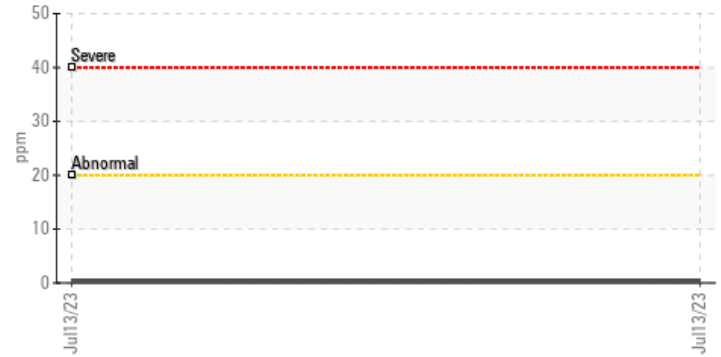
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

