



CONSTRUCTION EQUIPMENT

42101 RICHARD COUNTY VOLVO G930 501644 - TRANSMISSION (AUTO)



Sample No: VCP447682
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 42101 RICHARD COUNTY



215 - ASCENDUM MACHINERY INC - CAYCE
 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: GARY MARTIN
 GARY.MARTIN@ASCENDUMMACHINERY.COM
 T: (803)727-9615
 F: (803)791-9920



SAMPLE INFORMATION

Sample Number	VCP447682	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	9305	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 32.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 128	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 135	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 20	---	---	---
Phosphorus	ppm	■ 243	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 120	---	---	---

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: VOLVO0013
Unique No: 11072672
Signed: Wes Davis
Report Date: 12 Jun 2024

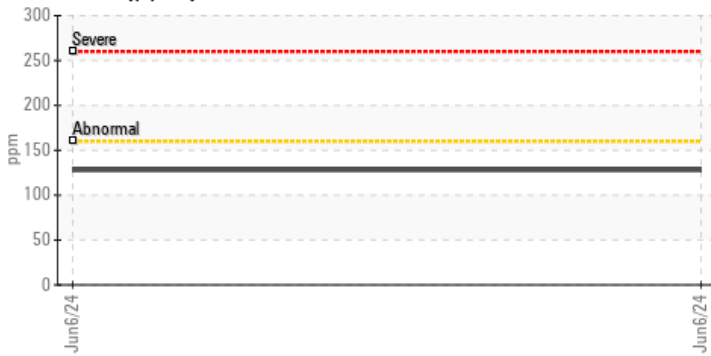


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GRAPHS

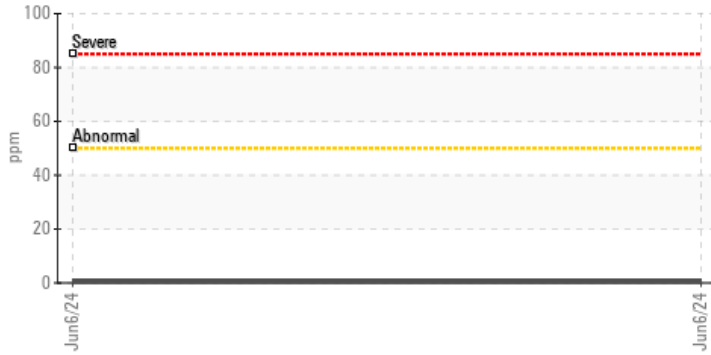
Iron (ppm)



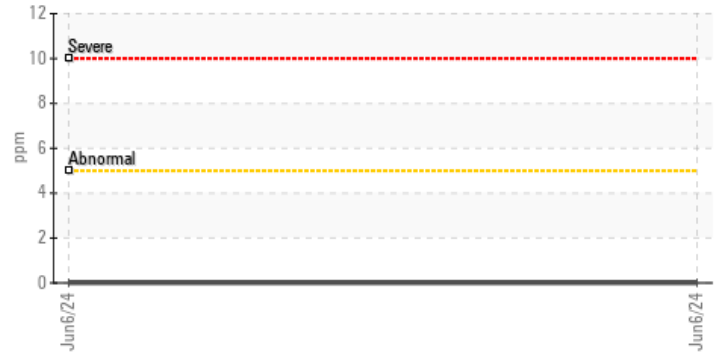
Lead (ppm)



Aluminum (ppm)



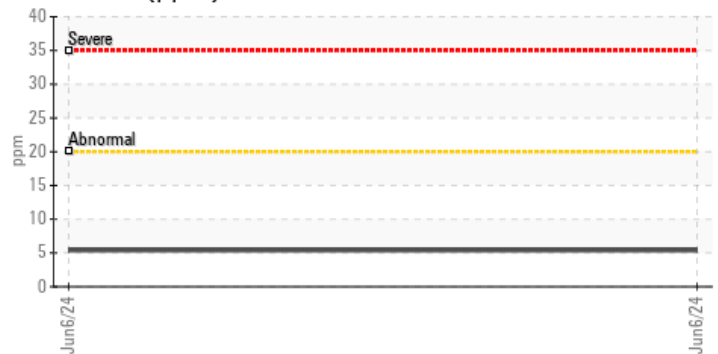
Chromium (ppm)



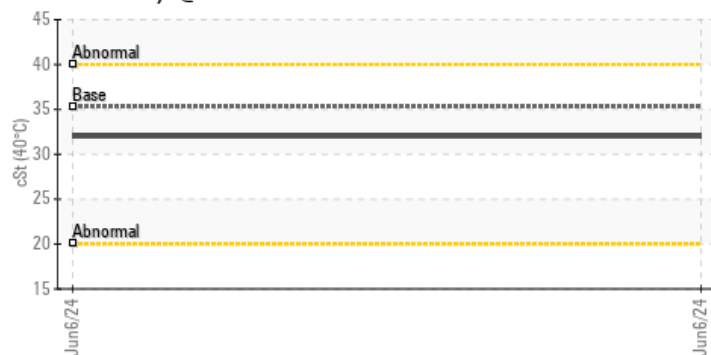
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

