



CONSTRUCTION EQUIPMENT

D13080 VOLVO A45G 352161 - TRANSMISSION (AUTO)



Sample No: VCP429528
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D13080



ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)
 13001 W SILVERE SPRING DR
 BUTLER, WI
 US 53007
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SAMPLE INFORMATION

Sample Number	VCP429528	---	---	---
Sample Date	12 Jan 2024	---	---	---
Machine Hours	9476	---	---	---
Oil Hours	2120	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 28.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	█ 23	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 78	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 226	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 88	---	---	---

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: VOLVO0069
Unique No: 10843820
Signed: Sean Felton
Report Date: 24 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

