



CONSTRUCTION EQUIPMENT

D28110 VOLVO A45G 352120 - TRANSMISSION (AUTO)



Sample No: VCP417850
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D28110



SAMPLE INFORMATION

Sample Number	VCP417850	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	6891	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MADISON/DE FOREST
 5005 CAKE PKWY
 DE FOREST, WI
 US 53532-1004
 Contact: GARY NECHVATAL
 gnechvatal@aring.com
 T:
 F: (608)222-9198



OIL CONDITION

Visc @ 40°C	cSt	█ 28.0	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The fluid change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The nickel level is abnormal. All other 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.



WEAR METALS

Iron	ppm	█ 39	---	---	---
Copper	ppm	█ 86	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 10	---	---	---
Aluminum	ppm	█ 18	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	▲ 17	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 217	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 93	---	---	---

Depot: VOLVO0070
Unique No: 10835324
Signed: Don Baldrige
Report Date: 20 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

