



CONSTRUCTION EQUIPMENT

SPM688079 US STEEL VOLVO A25G 752203 - TRANSMISSION (AUTO)



Sample No: VCP427318
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM688079 US STEEL



SAMPLE INFORMATION

Sample Number	VCP427318	VCP355911	---	---
Sample Date	19 Mar 2024	29 Mar 2022	---	---
Machine Hours	9546	3706	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	32.4	28.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	6	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	12	20	---	---
Copper	ppm	2	13	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	1	2	---	---
Aluminum	ppm	6	7	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	2	1	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	465	45	---	---
Magnesium	ppm	14	10	---	---
Zinc	ppm	183	27	---	---
Phosphorus	ppm	363	167	---	---
Barium	ppm	0	0	---	---
Boron	ppm	80	64	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10990429
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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VOLVO GRAPHS

