



CONSTRUCTION EQUIPMENT

19806 MM-CLARKS VOLVO A45G 353485 - TRANSMISSION (AUTO)



Sample No: VCP441259
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 19806 MM-CLARKS



117 - ASCENDUM MACHINERY INC - GREENVILLE
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SAMPLE INFORMATION

Sample Number	VCP441259	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	943	---	---	---
Oil Hours	943	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 27.7	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 35	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 13	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 91	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	█ 181	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 79	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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: VOLVO8769
Unique No: 10702511
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

