



CONSTRUCTION EQUIPMENT

W07013596-1 STANLEY VOLVO A45G 342672 - TRANSMISSION



Sample No: VCP409353
Oil Type: VOLVO AT 102
Job No: W07013596-1 STANLEY



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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SAMPLE INFORMATION

Sample Number	VCP409353	VCP391468	---	---
Sample Date	06 Oct 2023	10 Nov 2022	---	---
Machine Hours	5818	4380	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 27.6	█ 26.1	---	---
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CONTAMINATION

Silicon	ppm	█ 7	█ 14	---	---
Sodium	ppm	█ 2	█ 6	---	---
Potassium	ppm	█ 2	█ 1	---	---



WEAR METALS

Iron	ppm	█ 44	█ 88	---	---
Copper	ppm	█ 35	█ 64	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 5	█ 8	---	---
Aluminum	ppm	█ 18	▲ 63	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	<1	---	---
Nickel	ppm	█ 6	█ 9	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 88	81	---	---
Magnesium	ppm	█ 2	2	---	---
Zinc	ppm	█ 9	9	---	---
Phosphorus	ppm	█ 199	176	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 86	51	---	---

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: VOLVO8882
Unique No: 10695866
Signed: Wes Davis
Report Date: 16 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

