



CONSTRUCTION EQUIPMENT

9232 MARTIN MARIETTA VOLVO A45G 352219 - TRANSMISSION (AUTO)



Sample No: VCP408902
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 9232 MARTIN MARIETTA



MCCLUNG-LOGAN EQUIPMENT CO INC MAIN
 4601 WASHINGTON BOULEVARD
 BALTIMORE, MD
 US 21227
 Contact: MARK CIULLA
 mciulla@mcclung-logan.com
 T: (410)242-6500
 F: (410)242-7835



SAMPLE INFORMATION

Sample Number	VCP408902	VCP364872	---	---
Sample Date	10 Jul 2023	15 Sep 2022	---	---
Machine Hours	6027	4604	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	30.3	33.8	---	---
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CONTAMINATION

Silicon	ppm	3	5	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	0	5	---	---



WEAR METALS

Iron	ppm	24	29	---	---
Copper	ppm	23	34	---	---
Lead	ppm	0	2	---	---
Tin	ppm	2	4	---	---
Aluminum	ppm	14	10	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	3	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	289	716	---	---
Magnesium	ppm	5	10	---	---
Zinc	ppm	67	205	---	---
Phosphorus	ppm	260	350	---	---
Barium	ppm	0	0	---	---
Boron	ppm	81	75	---	---

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: VOLVO0150
Unique No: 10573642
Signed: Wes Davis
Report Date: 26 Jul 2023



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GRAPHS

