



CONSTRUCTION EQUIPMENT

W05003819 VOLVO A45G 342686 - TRANSMISSION (AUTO)



Sample No: VCP420845
Oil Type: MOBIL AT 102
Job No: W05003819



SAMPLE INFORMATION

Sample Number	VCP420845	VCP377798	---	---
Sample Date	29 Aug 2023	08 Sep 2022	---	---
Machine Hours	6052	4075	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO INC
 8450 QUARRY ROAD
 MANASSAS, VA
 US 20110
 Contact: MIKE MAYHUGH
 MMAYHUGH@MCCLUNG-LOGAN.COM
 T: (703)393-7344
 F: (703)393-7844



OIL CONDITION

Visc @ 40°C	cSt	28.2	26.8	---	---
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CONTAMINATION

Silicon	ppm	5	8	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	1	3	---	---

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.



WEAR METALS

Iron	ppm	29	50	---	---
Copper	ppm	38	54	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	6	6	---	---
Aluminum	ppm	14	18	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	6	5	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	121	184	---	---
Magnesium	ppm	5	7	---	---
Zinc	ppm	19	51	---	---
Phosphorus	ppm	241	295	---	---
Barium	ppm	0	0	---	---
Boron	ppm	103	88	---	---

Depot: VOLVO0002
Unique No: 10631665
Signed: Don Baldrige
Report Date: 06 Sep 2023



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GRAPHS

