



CONSTRUCTION EQUIPMENT

715745 MOSAIC VOLVO A45G 352594 - TRANSMISSION (AUTO)



Sample No: VCP451470
Oil Type: VOLVO AT 102
Job No: 715745 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP451470	VCP428792	VCP0007637	---
Sample Date	13 May 2024	12 Jan 2024	06 Jun 2023	---
Machine Hours	5749	5024	0	---
Oil Hours	1000	1500	0	---
Oil Changed	Not Chngd	Not Chngd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	28.7	28.8	30.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	2	---
Sodium	ppm	4	2	3	---
Potassium	ppm	3	0	<1	---



WEAR METALS

Iron	ppm	10	8	15	---
Copper	ppm	7	5	14	---
Lead	ppm	0	0	0	---
Tin	ppm	2	1	2	---
Aluminum	ppm	8	4	6	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	1	0	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	67	62	33	---
Magnesium	ppm	<1	0	0	---
Zinc	ppm	10	0	0	---
Phosphorus	ppm	198	206	217	---
Barium	ppm	<1	0	0	---
Boron	ppm	111	100	107	---

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: VOLVO0093
Unique No: 11072676
Signed: Doug Bogart
Report Date: 12 Jun 2024



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GRAPHS

