



CONSTRUCTION EQUIPMENT

W14229 VOLVO A40G 352936 - TRANSMISSION (AUTO)



Sample No: VCP406599
Oil Type: VOLVO AT 102
Job No: W14229



SAMPLE INFORMATION

Sample Number	VCP406599	VCP398351	VCP384170	---
Sample Date	29 Aug 2023	29 Dec 2022	31 Oct 2022	---
Machine Hours	8656	963	745	---
Oil Hours	500	1000	500	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.7	28.1	28.3	---
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CONTAMINATION

Silicon	ppm	4	15	14	---
Sodium	ppm	0	4	3	---
Potassium	ppm	<1	3	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	47	43	25	---
Copper	ppm	10	19	17	---
Lead	ppm	0	0	0	---
Tin	ppm	0	3	2	---
Aluminum	ppm	2	17	13	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	6	<1	<1	---
Nickel	ppm	0	2	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	3	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	139	77	75	---
Magnesium	ppm	31	3	2	---
Zinc	ppm	58	11	5	---
Phosphorus	ppm	211	213	198	---
Barium	ppm	2	0	0	---
Boron	ppm	91	84	78	---

Depot: VOLVO0080
Unique No: 10633307
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

