



CONSTRUCTION EQUIPMENT

621714 TUCKER VOLVO A25G 752447 - TRANSMISSION (AUTO)



Sample No: VCP430499
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 621714 TUCKER



SAMPLE INFORMATION

Sample Number	VCP430499	VCP381556	VCP389360	---
Sample Date	31 Oct 2023	23 Feb 2023	24 Oct 2022	---
Machine Hours	2238	1077	504	---
Oil Hours	1000	500	500	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.8	27.6	29.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	16	14	---
Sodium	ppm	5	5	3	---
Potassium	ppm	4	2	<1	---

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	30	23	16	---
Copper	ppm	32	25	14	---
Lead	ppm	0	0	0	---
Tin	ppm	6	4	2	---
Aluminum	ppm	25	17	10	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	4	3	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	2	---
Manganese	ppm	3	3	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	74	68	73	---
Magnesium	ppm	1	0	0	---
Zinc	ppm	0	2	0	---
Phosphorus	ppm	199	186	192	---
Barium	ppm	0	0	0	---
Boron	ppm	72	79	78	---

Depot: VOLVO0093
Unique No: 10765347
Signed: Don Baldrige
Report Date: 03 Dec 2023



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GRAPHS

