



CONSTRUCTION EQUIPMENT

621032 APTIM VOLVO A35G 340083 - TRANSMISSION (AUTO)



Sample No: VCP432141
Oil Type: VOLVO AT 102
Job No: 621032 APTIM



SAMPLE INFORMATION

Sample Number	VCP432141	VCP395994	VCP353521	---
Sample Date	24 Oct 2023	08 Feb 2023	31 Aug 2022	---
Machine Hours	5943	5438	4966	---
Oil Hours	2000	1000	1000	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.8	26.9	26.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	14	16	---
Sodium	ppm	2	13	11	---
Potassium	ppm	0	3	6	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	61	68	---
Copper	ppm	5	54	60	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	10	11	---
Aluminum	ppm	6	▲ 43	▲ 42	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	8	6	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	6	7	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	68	158	172	---
Magnesium	ppm	0	8	13	---
Zinc	ppm	2	22	32	---
Phosphorus	ppm	186	238	314	---
Barium	ppm	0	4	11	---
Boron	ppm	86	72	79	---

Depot: VOLVO0093
Unique No: 10753519
Signed: Don Baldrige
Report Date: 24 Nov 2023



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GRAPHS

