



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY/500 HOUR CSA 24585

VOLVO A40G 352924 - TRANSMISSION (AUTO)



Sample No: VCP433706
Oil Type: VOLVO AT 102
Job No: 24585



SAMPLE INFORMATION

Sample Number	VCP433706	VCP402839	VCP0006413	---
Sample Date	14 Dec 2023	08 May 2023	30 Mar 2023	---
Machine Hours	2242	1185	998	---
Oil Hours	1000	0	998	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.7	28.1	27.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	22	28	---
Sodium	ppm	5	6	5	---
Potassium	ppm	9	5	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	14	56	37	---
Copper	ppm	7	10	11	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	2	2	---
Aluminum	ppm	5	15	17	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	3	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	68	74	73	---
Magnesium	ppm	0	2	4	---
Zinc	ppm	0	0	0	---
Phosphorus	ppm	189	198	196	---
Barium	ppm	0	0	0	---
Boron	ppm	85	73	74	---

Depot: TRIBUR
Unique No: 10793497
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

