



CONSTRUCTION EQUIPMENT

621044 APTIM VOLVO A35G 340070 - TRANSMISSION (AUTO)



Sample No: VCP429776
Oil Type: VOLVO AT 102
Job No: 621044 APTIM



SAMPLE INFORMATION

Sample Number	VCP429776	VCP417392	VCP422480	VCP395730
Sample Date	26 Oct 2023	26 Jun 2023	19 Apr 2023	08 Feb 2023
Machine Hours	8853	8469	7985	7414
Oil Hours	500	2000	2000	1400
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.8	30.7	31.7	28.0
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CONTAMINATION

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

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	6	7	18	14
Copper	ppm	4	7	16	14
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	3	2
Aluminum	ppm	4	6	13	8
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	63	73	78	77
Magnesium	ppm	0	<1	6	0
Zinc	ppm	11	0	5	0
Phosphorus	ppm	179	197	188	179
Barium	ppm	0	0	0	0
Boron	ppm	83	97	81	96

Depot: VOLVO0093
Unique No: 10753516
Signed: Don Baldrige
Report Date: 24 Nov 2023



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VOLVO GRAPHS

