



CONSTRUCTION EQUIPMENT

580677 APTIM VOLVO A35G 340041 - TRANSMISSION (AUTO)



Sample No: VCP417023
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 580677 APTIM



SAMPLE INFORMATION

Sample Number	VCP417023	VCP410216	VCP395997	VCP130793
Sample Date	28 Jul 2023	01 Jun 2023	03 Feb 2023	31 May 2015
Machine Hours	12724	12238	11776	1194
Oil Hours	2000	500	1000	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	26.0	21.8	26.0	26.99
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CONTAMINATION

Silicon	ppm	5	6	7	7
Sodium	ppm	1	6	7	6
Potassium	ppm	3	3	3	3



WEAR METALS

Iron	ppm	138	136	128	27
Copper	ppm	27	28	24	22
Lead	ppm	0	0	<1	<1
Tin	ppm	5	6	6	2
Aluminum	ppm	27	35	32	13
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	5	6	5	3
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	118	108	129
Magnesium	ppm	1	1	1	<1
Zinc	ppm	14	15	6	8
Phosphorus	ppm	156	177	174	304
Barium	ppm	0	0	0	0
Boron	ppm	64	73	57	95

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.

Depot: VOLVO0093
Unique No: 10589890
Signed: Don Baldrige
Report Date: 09 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

