



CONSTRUCTION EQUIPMENT

703164 APTIM VOLVO A30G 740023 - TRANSMISSION (AUTO)



Sample No: VCP444110
Oil Type: VOLVO AT 102
Job No: 703164 APTIM



SAMPLE INFORMATION

Sample Number	VCP444110	VCP428807	VCP417645	VCP420248
Sample Date	29 Apr 2024	02 Jan 2024	21 Aug 2023	09 May 2023
Machine Hours	9236	8900	8379	7927
Oil Hours	1000	1000	500	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	50.8	28.3	25.1	28.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	3	4
Sodium	ppm	3	4	1	2
Potassium	ppm	3	<1	2	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 fluid viscosity is higher than normal.



WEAR METALS

Iron	ppm	24	18	14	26
Copper	ppm	16	14	12	33
Lead	ppm	<1	0	0	0
Tin	ppm	3	2	2	4
Aluminum	ppm	14	12	8	19
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	2	2	2	3
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	74	76	78	105
Magnesium	ppm	3	<1	3	6
Zinc	ppm	8	6	9	27
Phosphorus	ppm	202	206	193	192
Barium	ppm	0	0	0	0
Boron	ppm	94	84	96	83

Depot: VOLVO0093
Unique No: 11036714
Signed: Don Baldrige
Report Date: 22 May 2024



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VOLVO GRAPHS

