



CONSTRUCTION EQUIPMENT

SWO-071204 VOLVO A40G 340716 - TRANSMISSION (AUTO)



Sample No: VCP450999
Oil Type: VOLVO AT 102
Job No: SWO-071204



SAMPLE INFORMATION

Sample Number	VCP450999	VCP432355	VCP419112	WC402279
Sample Date	18 Apr 2024	05 Dec 2023	30 Aug 2023	26 Apr 2023
Machine Hours	9946	9440	8929	8381
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.5	28.9	28.6	30.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	2
Sodium	ppm	5	0	3	0
Potassium	ppm	2	2	<1	2

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	8	8	8	6
Copper	ppm	8	6	4	3
Lead	ppm	<1	0	0	0
Tin	ppm	2	<1	<1	<1
Aluminum	ppm	8	5	5	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	72	71	66	70
Magnesium	ppm	1	<1	2	<1
Zinc	ppm	15	<1	6	13
Phosphorus	ppm	184	174	194	185
Barium	ppm	0	0	0	0
Boron	ppm	79	97	94	97

Depot: SAIBIR
Unique No: 10991905
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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VOLVO GRAPHS

