



CONSTRUCTION EQUIPMENT

VOLVO A40G 352441 - TRANSMISSION (AUTO)



Sample No: VCP396463
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP396463	VCP412187	VCP328966	VCP312046
Sample Date	27 Sep 2023	16 Aug 2023	20 Oct 2021	30 Apr 2021
Machine Hours	7073	6804	3406	2173
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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 5151 DR MARTIN LUTHER KING BLVD
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OIL CONDITION

Visc @ 40°C	cSt	28.1	28.4	25.4	26.7
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CONTAMINATION

Silicon	ppm	6	3	5	4
Sodium	ppm	2	4	5	6
Potassium	ppm	2	<1	0	0



WEAR METALS

Iron	ppm	20	17	19	23
Copper	ppm	17	16	30	42
Lead	ppm	0	0	0	0
Tin	ppm	3	2	0	0
Aluminum	ppm	11	12	9	10
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	2	2	4	▲ 6
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	75	82	88
Magnesium	ppm	2	1	<1	2
Zinc	ppm	11	6	5	8
Phosphorus	ppm	197	196	141	173
Barium	ppm	0	0	0	0
Boron	ppm	93	86	72	70

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.

Depot: VOLVO0090
Unique No: 10672348
Signed: Don Baldrige
Report Date: 03 Oct 2023



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GRAPHS

