



CONSTRUCTION EQUIPMENT

645918 VOLVO A40G 341242 - TRANSMISSION (AUTO)



Sample No: VCP452278
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 645918



SAMPLE INFORMATION

Sample Number	VCP452278	VCP410990	VCP344283	VCP233647
Sample Date	19 Dec 2023	01 Apr 2023	01 Sep 2021	30 Jan 2019
Machine Hours	10855	9962	7958	4304
Oil Hours	1000	0	0	0
Oil Changed	Not Chngd	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BLAZE CONSTRUCTION

5640 ST JEAN ST
 DETROIT, MI
 US 48213
 Contact: DAVE WARD
 dward@blazecontracting.net
 T: (248)632-2317
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.2	27.7	27.0	26.42
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	2	6
Sodium	ppm	0	2	2	3
Potassium	ppm	1	0	0	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	15	23	23	22
Copper	ppm	4	6	10	12
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	2	0
Aluminum	ppm	5	8	12	7
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	96	80	128
Magnesium	ppm	<1	7	<1	4
Zinc	ppm	0	5	4	30
Phosphorus	ppm	242	202	184	201
Barium	ppm	0	0	0	<1
Boron	ppm	125	96	72	71

Depot: BLADET
Unique No: 10823016
Signed: Sean Felton
Report Date: 11 Jan 2024



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GRAPHS

