



CONSTRUCTION EQUIPMENT

125204 VOLVO A40G 342574 - TRANSMISSION (AUTO)



Sample No: VCP368440
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 125204



SAMPLE INFORMATION

Sample Number	VCP368440	VCP326582	VCP305215	VCP280329
Sample Date	11 Dec 2022	24 Sep 2021	25 Feb 2021	13 Oct 2020
Machine Hours	5696	4288	3528	2953
Oil Hours	0	2288	500	1000
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	ABNORMAL	ABNORMAL

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	55.8	28.1	28.7	27.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	6	4	5
Sodium	ppm	4	2	<1	2
Potassium	ppm	2	<1	1	<1



WEAR METALS

Iron	ppm	171	36	29	20
Copper	ppm	6	30	21	19
Lead	ppm	1	0	<1	0
Tin	ppm	0	5	3	3
Aluminum	ppm	15	16	10	6
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	8	1	<1	<1
Nickel	ppm	1	4	3	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	23	496	464	101
Magnesium	ppm	7	6	7	8
Zinc	ppm	20	177	169	23
Phosphorus	ppm	2163	277	269	165
Barium	ppm	0	0	0	0
Boron	ppm	202	69	64	77

Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is abnormal. Moderate concentration of visible metal present. There is no indication of any contamination in the fluid. The fluid viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLV00142
Unique No: 10255199
Signed: Don Baldrige
Report Date: 14 Dec 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

