



CONSTRUCTION EQUIPMENT

VOLVO A40G 342 176 - TRANSMISSION (AUTO)



Sample No: VCP437073
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP437073	VCP310794	VCP301922	VCP285970
Sample Date	22 Mar 2024	09 Apr 2021	28 Dec 2020	09 Sep 2020
Machine Hours	8750	5949	5299	4752
Oil Hours	0	0	1000	500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.5	26.6	21.7	27.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	6	5
Sodium	ppm	6	6	4	2
Potassium	ppm	35	2	6	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	51	50	24	17
Copper	ppm	17	57	25	2
Lead	ppm	<1	0	2	<1
Tin	ppm	2	6	2	0
Aluminum	ppm	8	18	13	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	6	7	4	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	1	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	89	93	95
Magnesium	ppm	2	<1	<1	2
Zinc	ppm	172	3	4	10
Phosphorus	ppm	187	166	155	160
Barium	ppm	0	0	0	0
Boron	ppm	28	74	69	73

Depot: RIPTAM
Unique No: 11044895
Signed: Sean Felton
Report Date: 24 May 2024



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VOLVO GRAPHS

