



CONSTRUCTION EQUIPMENT

VOLVO A30G 752143 - TRANSMISSION (AUTO)



Sample No: VCP407847
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP407847	VCP398077	VCP386248	VCP354446
Sample Date	16 Jun 2023	04 Mar 2023	09 Nov 2022	09 Aug 2022
Machine Hours	4995	4274	3742	3258
Oil Hours	0	0	1500	1500
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	ABNORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	28.7	26.7	28.3	28.5
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CONTAMINATION

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



WEAR METALS

Iron	ppm	14	33	22	19
Copper	ppm	9	27	26	25
Lead	ppm	0	0	<1	0
Tin	ppm	1	7	6	5
Aluminum	ppm	10	19	18	17
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	1	5	4	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	92	89	86
Magnesium	ppm	0	6	3	2
Zinc	ppm	0	0	5	5
Phosphorus	ppm	196	216	205	205
Barium	ppm	0	0	0	0
Boron	ppm	94	77	84	100

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: RIPTAM
Unique No: 10552369
Signed: Don Baldrige
Report Date: 14 Jul 2023



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VOLVO GRAPHS

