



CONSTRUCTION EQUIPMENT

VOLVO A30G 752866 - TRANSMISSION (AUTO)



Sample No: VCP443801
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP443801	VCP437875	VCP432183	VCP422145
Sample Date	08 Jul 2024	15 Mar 2024	28 Nov 2023	05 Jul 2023
Machine Hours	2732	2208	2710	1096
Oil Hours	0	2208	0	1096
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
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	26.2	29.0	29.12	29.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	12	13	15
Sodium	ppm	5	5	7	3
Potassium	ppm	<1	0	4	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	47	49	25	25
Copper	ppm	7	23	18	18
Lead	ppm	0	0	0	0
Tin	ppm	0	5	4	4
Aluminum	ppm	7	24	17	18
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	2	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	3	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	66	83	63	69
Magnesium	ppm	0	0	2	0
Zinc	ppm	0	13	5	0
Phosphorus	ppm	159	217	158	198
Barium	ppm	0	1	2	0
Boron	ppm	67	76	68	76

Depot: RIPTAM
Unique No: 11125497
Signed: Don Baldrige
Report Date: 17 Jul 2024



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VOLVO GRAPHS

