



CONSTRUCTION EQUIPMENT

728646 VOLVO A30G 742110 - TRANSMISSION (AUTO)



Sample No: VCP440239
Oil Type: VOLVO AT 102
Job No: 728646



SAMPLE INFORMATION

Sample Number	VCP440239	VCP437872	VCP432171	VCP407835
Sample Date	06 Jun 2024	27 Feb 2024	25 Jan 2024	06 Jun 2023
Machine Hours	12461	12015	11532	10602
Oil Hours	500	2000	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	28.3	28.9	28.9	28.5
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	3
Sodium	ppm	4	4	5	3
Potassium	ppm	<1	2	2	0

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	9	13	9	24
Copper	ppm	8	9	6	10
Lead	ppm	0	0	0	0
Tin	ppm	0	2	1	1
Aluminum	ppm	5	7	5	13
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	2	1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	52	85	71	67
Magnesium	ppm	<1	6	5	0
Zinc	ppm	4	11	7	0
Phosphorus	ppm	172	129	166	191
Barium	ppm	0	0	<1	0
Boron	ppm	86	90	90	89

Depot: RIPTAM
Unique No: 11127114
Signed: Sean Felton
Report Date: 18 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

