



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - TRANSMISSION (AUTO)



Sample No: VCP421333
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP421333	VCP311433	VCP291332	VCP289739
Sample Date	21 Jul 2023	30 Apr 2021	10 Dec 2020	16 Oct 2020
Machine Hours	6888	2179	1163	749
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Changed	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	30.1	26.7	26.5	26.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	3	4	8	16
Sodium	ppm	2	6	3	6
Potassium	ppm	1	0	3	1



WEAR METALS

Iron	ppm	13	24	34	28
Copper	ppm	9	53	76	53
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	3	6	2
Aluminum	ppm	3	9	5	9
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	1	▲ 8	▲ 11	7
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	3	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	76	89	86	90
Magnesium	ppm	0	2	<1	<1
Zinc	ppm	<1	9	0	5
Phosphorus	ppm	224	173	150	154
Barium	ppm	0	0	2	3
Boron	ppm	123	70	64	62

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 oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10578270
Signed: Sean Felton
Report Date: 01 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

