



CONSTRUCTION EQUIPMENT

VOLVO A45G 342545 - TRANSMISSION (AUTO)



Sample No: VCP0007972
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007972	VCP315776	VCP315771	VCP310924
Sample Date	06 Jul 2023	04 Aug 2021	04 Aug 2021	30 Mar 2021
Machine Hours	0	4102	4102	3548
Oil Hours	0	1500	2000	1548
Oil Changed	N/A	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
 grogers@qgsdevelopment.com
 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.4	26.6	26.5	26.7
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CONTAMINATION

Silicon	ppm	5	8	4	6
Sodium	ppm	0	6	7	7
Potassium	ppm	2	2	1	1



WEAR METALS

Iron	ppm	26	41	33	48
Copper	ppm	19	33	22	20
Lead	ppm	<1	0	0	0
Tin	ppm	3	5	5	4
Aluminum	ppm	12	20	18	18
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	3	4	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	81	74	92
Magnesium	ppm	1	1	0	<1
Zinc	ppm	21	0	0	2
Phosphorus	ppm	188	149	139	167
Barium	ppm	0	0	0	0
Boron	ppm	79	59	66	77

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.

Depot: QUALITFL
Unique No: 10549906
Signed: Sean Felton
Report Date: 12 Jul 2023



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VOLVO GRAPHS

