



CONSTRUCTION EQUIPMENT

VOLVO A45G 342523 - TRANSMISSION (AUTO)



Sample No: VCP0007989
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007989	VCP313730	VCP300949	VCP278421
Sample Date	06 Jul 2023	27 Apr 2021	22 Dec 2020	03 Aug 2020
Machine Hours	0	3717	3197	2654
Oil Hours	0	1717	1000	500
Oil Changed	N/A	Not Changd	Not Changd	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	28.7	26.6	26.6	26.8
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CONTAMINATION

Silicon	ppm	3	5	7	7
Sodium	ppm	0	7	4	3
Potassium	ppm	2	3	21	6



WEAR METALS

Iron	ppm	16	99	28	21
Copper	ppm	10	26	15	12
Lead	ppm	<1	0	<1	2
Tin	ppm	2	4	1	2
Aluminum	ppm	5	22	12	9
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	2	4	<1	2
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	46	84	83
Magnesium	ppm	2	1	2	<1
Zinc	ppm	3	25	6	6
Phosphorus	ppm	187	127	157	141
Barium	ppm	0	0	<1	<1
Boron	ppm	109	45	67	82

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: 10549909
Signed: Sean Felton
Report Date: 12 Jul 2023

VOLVO GRAPHS

