



CONSTRUCTION EQUIPMENT

701481 VOLVO A45G 352411 - TRANSMISSION (AUTO)



Sample No: VCP446359
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 701481



SAMPLE INFORMATION

Sample Number	VCP446359	VCP440108	VCP427063	VCP377159
Sample Date	10 Apr 2024	22 Nov 2023	19 Jun 2023	30 Apr 2022
Machine Hours	6878	6275	5591	3478
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	MARGINAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
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OIL CONDITION

Visc @ 40°C	cSt	27.9	28.0	26.9	27.6
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CONTAMINATION

Water	%	NEG	▲ 0.112	NEG	NEG
Silicon	ppm	4	4	8	7
Sodium	ppm	4	3	6	4
Potassium	ppm	2	2	2	1

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	28	20	55	32
Copper	ppm	34	27	84	59
Lead	ppm	<1	0	0	<1
Tin	ppm	5	3	11	7
Aluminum	ppm	12	8	24	13
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	5	5	15	10
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	3	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	70	69	79	83
Magnesium	ppm	<1	2	<1	<1
Zinc	ppm	5	0	0	<1
Phosphorus	ppm	180	192	187	211
Barium	ppm	0	0	0	0
Boron	ppm	80	81	67	82

Depot: ORAORL
Unique No: 10991910
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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VOLVO GRAPHS

