



CONSTRUCTION EQUIPMENT

634065 VOLVO A45G 352411 - TRANSMISSION (AUTO)



Sample No: VCP440108
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 634065



SAMPLE INFORMATION

Sample Number	VCP440108	VCP427063	VCP377159	VCP342214
Sample Date	22 Nov 2023	19 Jun 2023	30 Apr 2022	06 Nov 2021
Machine Hours	6275	5591	3478	2774
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	MARGINAL	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	28.0	26.9	27.6	27.8
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CONTAMINATION

Water	%	0.112	NEG	NEG	NEG
Silicon	ppm	4	8	7	5
Sodium	ppm	3	6	4	4
Potassium	ppm	2	2	1	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	20	55	32	28
Copper	ppm	27	84	59	44
Lead	ppm	0	0	<1	0
Tin	ppm	3	11	7	5
Aluminum	ppm	8	24	13	8
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	5	15	10	6
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	3	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	79	83	76
Magnesium	ppm	2	<1	<1	<1
Zinc	ppm	0	0	<1	1
Phosphorus	ppm	192	187	211	186
Barium	ppm	0	0	0	0
Boron	ppm	81	67	82	80

Depot: ORAORL
Unique No: 10765341
Signed: Don Baldrige
Report Date: 03 Dec 2023



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VOLVO GRAPHS

