



CONSTRUCTION EQUIPMENT

SWA288432 VOLVO A45G 352411 - TRANSMISSION (AUTO)



Sample No: VCP427063
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA288432



SAMPLE INFORMATION

Sample Number	VCP427063	VCP377159	VCP342214	VCP317695
Sample Date	19 Jun 2023	30 Apr 2022	06 Nov 2021	17 Jul 2021
Machine Hours	5591	3478	2774	2213
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	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	26.9	27.6	27.8	26.3
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CONTAMINATION

Silicon	ppm	8	7	5	12
Sodium	ppm	6	4	4	9
Potassium	ppm	2	1	0	3

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	55	32	28	53
Copper	ppm	84	59	44	106
Lead	ppm	0	<1	0	<1
Tin	ppm	11	7	5	12
Aluminum	ppm	24	13	8	15
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	15	10	6	17
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	3	2	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	79	83	76	80
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	0	<1	1	0
Phosphorus	ppm	187	211	186	138
Barium	ppm	0	0	0	2
Boron	ppm	67	82	80	57

Depot: ORAORL
Unique No: 10536453
Signed: Doug Bogart
Report Date: 02 Jul 2023



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VOLVO GRAPHS

