



CONSTRUCTION EQUIPMENT

8769 VOLVO A40G 341642 - TRANSMISSION (AUTO)



Sample No: VCP454008
Oil Type: VOLVO AT 102
Job No: 8769



SAMPLE INFORMATION

Sample Number	VCP454008	VCP405174	VCP370510	VCP340454
Sample Date	14 Feb 2024	12 Apr 2023	29 Dec 2022	09 Jul 2022
Machine Hours	11980	10853	10399	9501
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
5901 YOUNG PINE ROAD
ORLANDO, FL
US 32829
Contact: MICHAEL BEEBE
michael.beebe@ocfl.net
T: (407)836-6652
F: (407)836-6650



OIL CONDITION

Visc @ 40°C	cSt	27.8	28.0	28.1	27.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	4	9	6
Sodium	ppm	0	3	5	3
Potassium	ppm	2	2	2	2

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	91	48	104	66
Copper	ppm	49	25	57	41
Lead	ppm	0	0	0	<1
Tin	ppm	4	2	6	4
Aluminum	ppm	15	8	18	12
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	6	4	8	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	75	82	88
Magnesium	ppm	<1	7	2	2
Zinc	ppm	0	0	6	9
Phosphorus	ppm	183	201	183	179
Barium	ppm	0	0	1	0
Boron	ppm	95	101	85	98

Depot: ORAORL
Unique No: 10888786
Signed: Sean Felton
Report Date: 23 Feb 2024



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GRAPHS

