



CONSTRUCTION EQUIPMENT

593956 RYAN GOLF VOLVO A40G 342263 - TRANSMISSION (AUTO)



Sample No: VCP417665
Oil Type: VOLVO AT 102
Job No: 593956 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP417665	VCP302478	VCP259838	VCP220746
Sample Date	24 Aug 2023	04 Feb 2021	19 Dec 2019	24 Jul 2018
Machine Hours	5664	3481	2982	504
Oil Hours	1500	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	SEVERE

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OIL CONDITION

Visc @ 40°C	cSt	27.2	25.5	26.5	25.28
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CONTAMINATION

Silicon	ppm	5	6	8	▲ 83
Sodium	ppm	2	4	4	6
Potassium	ppm	2	14	5	4



WEAR METALS

Iron	ppm	39	50	46	51
Copper	ppm	20	20	19	29
Lead	ppm	0	0	<1	0
Tin	ppm	5	4	2	<1
Aluminum	ppm	21	20	18	601
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	3	4	3	2
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	8
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	80	102	118	87
Magnesium	ppm	2	2	3	1
Zinc	ppm	7	11	15	9
Phosphorus	ppm	177	159	182	162
Barium	ppm	0	0	0	2
Boron	ppm	79	63	70	58

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: VOLVO0093
Unique No: 10669098
Signed: Wes Davis
Report Date: 28 Sep 2023



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GRAPHS

