



CONSTRUCTION EQUIPMENT

593983 RYAN GOLF VOLVO A45G 342685 - TRANSMISSION (AUTO)



Sample No: VCP392970
Oil Type: VOLVO AT 102
Job No: 593983 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP392970	VCP409289	VCP326462	---
Sample Date	11 Aug 2023	11 Feb 2023	04 Oct 2021	---
Machine Hours	4733	3846	2540	---
Oil Hours	2000	500	1500	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	26.9	28.1	27.5	---
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CONTAMINATION

Silicon	ppm	7	8	6	---
Sodium	ppm	8	6	4	---
Potassium	ppm	<1	<1	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	57	46	25	---
Copper	ppm	46	35	52	---
Lead	ppm	0	<1	<1	---
Tin	ppm	6	4	5	---
Aluminum	ppm	26	19	13	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	6	5	9	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	84	88	76	---
Magnesium	ppm	0	<1	<1	---
Zinc	ppm	0	2	0	---
Phosphorus	ppm	179	171	169	---
Barium	ppm	0	0	<1	---
Boron	ppm	69	75	85	---

Depot: VOLVO0093
Unique No: 10620337
Signed: Don Baldrige
Report Date: 28 Aug 2023



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GRAPHS

