



CONSTRUCTION EQUIPMENT

W02007688 VOLVO A35G 340132 - TRANSMISSION (AUTO)



Sample No: VCP426058
Oil Type: VOLVO AT 102
Job No: W02007688



SAMPLE INFORMATION

Sample Number	VCP426058	VCP396796	VCP277893	VCP189852
Sample Date	03 Nov 2023	13 Mar 2023	26 Apr 2021	07 Jan 2020
Machine Hours	9978	9100	5941	5126
Oil Hours	2000	1000	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.9	26.65	26.4	26.2
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CONTAMINATION

Silicon	ppm	5	5	2	6
Sodium	ppm	5	0	5	3
Potassium	ppm	<1	2	1	6

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	30	25	40	37
Copper	ppm	20	18	14	12
Lead	ppm	0	0	0	0
Tin	ppm	2	2	4	2
Aluminum	ppm	21	18	25	23
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	1	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	157	194	82	86
Magnesium	ppm	<1	2	<1	1
Zinc	ppm	43	47	4	8
Phosphorus	ppm	193	227	162	155
Barium	ppm	0	0	0	0
Boron	ppm	87	87	76	69

Depot: VOLVO0002
Unique No: 10728509
Signed: Sean Felton
Report Date: 08 Nov 2023



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GRAPHS

