



CONSTRUCTION EQUIPMENT

VOLVO A40G 342658 - TRANSMISSION (AUTO)



Sample No: VCP329503

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP329503	VCP404929	VCP359542	VCP379374
Sample Date	06 Nov 2023	24 Aug 2023	18 May 2023	16 Jan 2023
Machine Hours	9682	9142	8626	8074
Oil Hours	540	516	552	563
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.3	29.0	29.3	29.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	2
Sodium	ppm	4	4	0	2
Potassium	ppm	1	0	<1	0

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	9	5	6	4
Copper	ppm	10	7	6	5
Lead	ppm	0	0	0	0
Tin	ppm	2	<1	<1	<1
Aluminum	ppm	3	3	2	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	2	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	158	106	83	79
Magnesium	ppm	14	4	1	2
Zinc	ppm	32	9	6	10
Phosphorus	ppm	266	251	228	242
Barium	ppm	0	0	0	0
Boron	ppm	65	115	117	127

Depot: SCHGRE
Unique No: 10756059
Signed: Wes Davis
Report Date: 27 Nov 2023



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GRAPHS

