



CONSTRUCTION EQUIPMENT

VOLVO A40G 352351 - TRANSMISSION (AUTO)



Sample No: VCP406108

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP406108	VCP384396	VCP362738	VCP359601
Sample Date	24 Aug 2023	30 May 2023	06 Mar 2023	08 Nov 2022
Machine Hours	7188	6612	6020	5392
Oil Hours	576	592	628	477
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.3	29.1	30.6	29.5
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	4	2	2	0
Potassium	ppm	<1	<1	0	<1

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	6	6	6	5
Copper	ppm	12	9	8	7
Lead	ppm	0	0	0	0
Tin	ppm	1	<1	1	1
Aluminum	ppm	5	4	5	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	2	1	1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	110	81	82	82
Magnesium	ppm	3	0	2	2
Zinc	ppm	10	0	6	7
Phosphorus	ppm	251	236	238	215
Barium	ppm	0	0	0	0
Boron	ppm	112	121	120	107

Depot: SCHGRE
Unique No: 10634562
Signed: Wes Davis
Report Date: 08 Sep 2023



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GRAPHS

