



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - TRANSMISSION (AUTO)



Sample No: VCP447722

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP447722	VCP433286	VCP331574	VCP339684
Sample Date	18 Jun 2024	02 Apr 2024	11 Dec 2023	03 Oct 2023
Machine Hours	12203	11716	11060	10659
Oil Hours	487	656	401	625
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.3	30.3	29.0	28.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	2
Sodium	ppm	3	2	<1	0
Potassium	ppm	1	2	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	5	7	3	7
Copper	ppm	10	13	7	11
Lead	ppm	0	0	0	0
Tin	ppm	0	2	<1	1
Aluminum	ppm	2	4	<1	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	2	<1	1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	88	87	99	144
Magnesium	ppm	2	4	3	8
Zinc	ppm	4	3	8	19
Phosphorus	ppm	248	235	198	227
Barium	ppm	<1	0	0	0
Boron	ppm	112	111	107	114

Depot: SCHGRE
Unique No: 1111498
Signed: Don Baldrige
Report Date: 07 Jul 2024



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GRAPHS

