



CONSTRUCTION EQUIPMENT

VOLVO A40G 342608 - TRANSMISSION (AUTO)



Sample No: VCP331574
Oil Type: MOBIL ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP331574	VCP339684	VCP402332	VCP395619
Sample Date	11 Dec 2023	03 Oct 2023	13 Jul 2023	27 Apr 2023
Machine Hours	11060	10659	10034	9546
Oil Hours	401	625	488	695
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.0	28.7	29.3	33.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	<1	0	4	3
Potassium	ppm	0	1	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	3	7	6	6
Copper	ppm	7	11	8	10
Lead	ppm	0	0	0	0
Tin	ppm	<1	1	<1	<1
Aluminum	ppm	<1	1	<1	2
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	1	0
Nickel	ppm	<1	1	<1	1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	99	144	200	76
Magnesium	ppm	3	8	18	2
Zinc	ppm	8	19	55	0
Phosphorus	ppm	198	227	266	231
Barium	ppm	0	0	0	0
Boron	ppm	107	114	96	104

Depot: SCHGRE
Unique No: 10807081
Signed: Jonathan Hester
Report Date: 29 Dec 2023



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GRAPHS

