



CONSTRUCTION EQUIPMENT

VOLVO A40G 342610 - TRANSMISSION (AUTO)



Sample No: VCP362697

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP362697	VCP406470	VCP395620	VCP378856
Sample Date	24 Oct 2023	13 Jul 2023	27 Apr 2023	16 Jan 2023
Machine Hours	10504	9910	9441	8766
Oil Hours	594	469	675	517
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.1	30.4	29.7	32.8
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	149	200	75	83
Magnesium	ppm	7	16	2	2
Zinc	ppm	26	54	0	12
Phosphorus	ppm	249	259	224	244
Barium	ppm	0	0	0	0
Boron	ppm	110	103	102	127

Depot: SCHGRE
Unique No: 10724416
Signed: Wes Davis
Report Date: 02 Nov 2023



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GRAPHS

