



CONSTRUCTION EQUIPMENT

VOLVO A40G 352026 - TRANSMISSION (AUTO)



Sample No: VCP395133
Oil Type: MOBIL ATF
Job No:



SAMPLE INFORMATION

Sample Number	VCP395133	VCP402954	VCP384384	VCP406818
Sample Date	30 Oct 2023	29 Aug 2023	07 Jun 2023	22 Mar 2023
Machine Hours	9458	9029	8529	7981
Oil Hours	429	500	548	516
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.9	27.9	30.7	24.1
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CONTAMINATION

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



WEAR METALS

Iron	ppm	3	5	6	5
Copper	ppm	7	12	11	11
Lead	ppm	0	0	0	0
Tin	ppm	<1	1	1	<1
Aluminum	ppm	2	4	3	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	2	2
Nickel	ppm	<1	2	3	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	195	265	188
Magnesium	ppm	0	8	16	11
Zinc	ppm	9	35	80	49
Phosphorus	ppm	216	283	276	246
Barium	ppm	0	0	0	0
Boron	ppm	106	103	104	114

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SCHGRE
Unique No: 10737013
Signed: Don Baldrige
Report Date: 13 Nov 2023



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GRAPHS

