



CONSTRUCTION EQUIPMENT

VOLVO A40G 34252 - TRANSMISSION (AUTO)



Sample No: VCP445795

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP445795	VCP441991	VCP401116	VCP398011
Sample Date	15 Apr 2024	06 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	12235	11740	11266	10867
Oil Hours	495	474	399	442
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	30.3	31.8	30.1	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	4
Sodium	ppm	<1	0	2	2
Potassium	ppm	2	1	0	0

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.



WEAR METALS

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



ADDITIVES

Calcium	ppm	232	223	186	178
Magnesium	ppm	26	23	6	8
Zinc	ppm	67	53	50	32
Phosphorus	ppm	282	329	248	251
Barium	ppm	0	12	0	0
Boron	ppm	126	108	102	91

Depot: SCHGRE
Unique No: 11009619
Signed: Jonathan Hester
Report Date: 08 May 2024



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VOLVO GRAPHS

