



CONSTRUCTION EQUIPMENT

VOLVO A40F 12382 - TRANSMISSION (AUTO)



Sample No: VCP307520

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP307520	VCP404868	VCP401035	VCP373567
Sample Date	30 Jan 2024	26 Jul 2023	16 May 2023	15 Mar 2023
Machine Hours	14544	13692	13254	12795
Oil Hours	552	438	459	696
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.3	28.8	28.4	28.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	4	4
Sodium	ppm	3	2	<1	2
Potassium	ppm	0	<1	1	<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	3	10	21	12
Copper	ppm	7	4	9	5
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	1	0
Aluminum	ppm	6	4	7	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	2	2
Nickel	ppm	<1	<1	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	179	139	201	190
Magnesium	ppm	10	7	12	12
Zinc	ppm	39	19	58	55
Phosphorus	ppm	239	261	260	254
Barium	ppm	0	0	0	0
Boron	ppm	121	113	107	111

Depot: SCHGRE
Unique No: 10898788
Signed: Wes Davis
Report Date: 27 Feb 2024

VOLVO **GRAPHS**

