



CONSTRUCTION EQUIPMENT

VOLVO A40G 353407 - TRANSMISSION (AUTO)



Sample No: VCP447460

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP447460	VCP435798	VCP341892	VCP312573
Sample Date	06 Jun 2024	02 Apr 2024	14 Dec 2023	03 Oct 2023
Machine Hours	2148	1644	997	504
Oil Hours	504	647	493	504
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.1	28.8	28.8	28.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	7	16
Sodium	ppm	<1	2	1	<1
Potassium	ppm	2	2	<1	3

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	10	12	10	16
Copper	ppm	11	18	15	24
Lead	ppm	0	<1	0	0
Tin	ppm	1	2	2	2
Aluminum	ppm	6	8	6	5
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	2	3	2	3
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	81	97	81	81
Magnesium	ppm	3	5	2	1
Zinc	ppm	7	8	2	0
Phosphorus	ppm	260	247	186	171
Barium	ppm	<1	0	0	0
Boron	ppm	112	111	101	92

Depot: SCHGRE
Unique No: 11085076
Signed: Don Baldrige
Report Date: 19 Jun 2024



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GRAPHS

