



CONSTRUCTION EQUIPMENT

VOLVO A40G 341476 - TRANSMISSION (AUTO)



Sample No: VCP339692

Oil Type: MOBIL MULTI-PURPOSE ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP339692	VCP378444	VCP400072	VCP384418
Sample Date	04 Dec 2023	12 Sep 2023	20 Jun 2023	27 Mar 2023
Machine Hours	17394	16932	16355	15742
Oil Hours	462	577	613	447
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.3	27.6	28.9	28.9
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CONTAMINATION

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



ADDITIVES

Calcium	ppm	97	113	84	86
Magnesium	ppm	3	2	0	8
Zinc	ppm	0	11	0	0
Phosphorus	ppm	219	246	247	239
Barium	ppm	0	0	0	0
Boron	ppm	122	118	131	115

Depot: SCHGRE
Unique No: 10789110
Signed: Wes Davis
Report Date: 14 Dec 2023



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GRAPHS

