



CONSTRUCTION EQUIPMENT

VOLVO A40G 352351 - TRANSMISSION (AUTO)



Sample No: VCP444706

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP444706	VCP416789	VCP331550	VCP406108
Sample Date	29 Apr 2024	13 Feb 2024	07 Nov 2023	24 Aug 2023
Machine Hours	8835	8269	7750	7188
Oil Hours	566	519	562	576
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	28.8	28.8	28.7	29.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	3
Sodium	ppm	0	2	3	4
Potassium	ppm	2	0	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	6	0	4	6
Copper	ppm	11	10	9	12
Lead	ppm	<1	<1	0	0
Tin	ppm	2	<1	1	1
Aluminum	ppm	4	4	4	5
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	2	1	2	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	78	78	95	110
Magnesium	ppm	2	<1	2	3
Zinc	ppm	1	0	0	10
Phosphorus	ppm	230	211	238	251
Barium	ppm	0	0	0	0
Boron	ppm	127	134	105	112

Depot: SCHGRE
Unique No: 11019101
Signed: Sean Felton
Report Date: 10 May 2024



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GRAPHS

