



CONSTRUCTION EQUIPMENT

VOLVO A40G 341127 - TRANSMISSION (AUTO)



Sample No: VCP312686

Oil Type: MOBIL MULTI-PURPOSE ATF

Job No:



SAMPLE INFORMATION

Sample Number	VCP312686	VCP400108	VCP386546	VCP337438
Sample Date	14 Sep 2023	30 May 2023	06 Mar 2023	06 Sep 2022
Machine Hours	13477	13037	12641	11781
Oil Hours	440	396	640	493
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.7	29.3	29.2	29.0
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CONTAMINATION

Silicon	ppm	4	5	13	3
Sodium	ppm	<1	2	3	3
Potassium	ppm	1	2	4	4

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	8	9	15	7
Copper	ppm	4	3	5	6
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	<1	2
Aluminum	ppm	4	3	4	5
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	<1	0	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	113	120	171	76
Magnesium	ppm	4	4	8	2
Zinc	ppm	17	13	46	5
Phosphorus	ppm	245	245	255	225
Barium	ppm	0	0	0	0
Boron	ppm	116	109	97	105

Depot: SCHGRE
Unique No: 10672339
Signed: Don Baldrige
Report Date: 03 Oct 2023



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GRAPHS

