



CONSTRUCTION EQUIPMENT

SWA534849-10 VOLVO A40G 342112 - TRANSMISSION (AUTO)



Sample No: VCP438887
Oil Type: VOLVO AT 102
Job No: SWA534849-10



SAMPLE INFORMATION

Sample Number	VCP438887	VCP323483	VCP290059	---
Sample Date	27 Apr 2024	16 Jun 2021	30 Oct 2020	---
Machine Hours	7700	6149	4895	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256
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OIL CONDITION

Visc @ 40°C	cSt	29.1	27.1	27.6	---
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CONTAMINATION

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

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	4	18	27	---
Copper	ppm	4	15	21	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	2	3	---
Aluminum	ppm	2	8	11	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	<1	2	---
Nickel	ppm	<1	2	2	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	84	107	159	---
Magnesium	ppm	2	8	20	---
Zinc	ppm	5	16	43	---
Phosphorus	ppm	231	172	191	---
Barium	ppm	0	0	0	---
Boron	ppm	105	82	76	---

Depot: VOLVO0092
Unique No: 11006916
Signed: Doug Bogart
Report Date: 02 May 2024



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GRAPHS

