



CONSTRUCTION EQUIPMENT

VOLVO A40G 352410 - TRANSMISSION (AUTO)



Sample No: VCP412146
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412146	VCP328933	VCP295996	---
Sample Date	09 Aug 2023	30 Sep 2021	23 Dec 2020	---
Machine Hours	3913	2118	1113	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
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OIL CONDITION

Visc @ 40°C	cSt	28.6	26.9	27.4	---
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CONTAMINATION

Silicon	ppm	3	5	10	---
Sodium	ppm	4	5	6	---
Potassium	ppm	<1	2	11	---



WEAR METALS

Iron	ppm	17	18	32	---
Copper	ppm	26	38	78	---
Lead	ppm	0	0	4	---
Tin	ppm	3	4	9	---
Aluminum	ppm	10	8	13	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	4	6	12	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	1	2	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	78	87	93	---
Magnesium	ppm	4	3	1	---
Zinc	ppm	2	3	6	---
Phosphorus	ppm	190	153	156	---
Barium	ppm	0	0	3	---
Boron	ppm	95	70	60	---

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.

Depot: VOLVO0090
Unique No: 10606428
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

