



CONSTRUCTION EQUIPMENT

VOLVO A40G 352808 - TRANSMISSION (AUTO)



Sample No: VCP433565
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP433565	VCP412292	VCP343033	---
Sample Date	17 Feb 2024	22 Aug 2023	23 Jan 2022	---
Machine Hours	4096	0	0	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.5	28.7	28.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	9	14	---
Sodium	ppm	6	4	0	---
Potassium	ppm	1	3	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	77	72	36	---
Copper	ppm	37	33	18	---
Lead	ppm	0	0	<1	---
Tin	ppm	6	6	3	---
Aluminum	ppm	38	37	13	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	4	4	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	3	3	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	55	78	77	---
Magnesium	ppm	0	3	5	---
Zinc	ppm	12	39	0	---
Phosphorus	ppm	191	210	183	---
Barium	ppm	0	0	<1	---
Boron	ppm	63	72	72	---

Depot: VOLVO0090
Unique No: 10888037
Signed: Sean Felton
Report Date: 22 Feb 2024



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GRAPHS

