



CONSTRUCTION EQUIPMENT

24208 VOLVO A25G 740316 - TRANSMISSION (AUTO)



Sample No: VCP431412
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 24208



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
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SAMPLE INFORMATION

Sample Number	VCP431412	VCP271071	VCP236627	---
Sample Date	17 Oct 2023	25 Mar 2020	03 Jan 2019	---
Machine Hours	4168	2090	1028	---
Oil Hours	1000	2090	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	26.4	26.8	26.64	---
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CONTAMINATION

Silicon	ppm	6	8	17	---
Sodium	ppm	0	4	6	---
Potassium	ppm	3	0	6	---



WEAR METALS

Iron	ppm	44	30	34	---
Copper	ppm	17	14	17	---
Lead	ppm	<1	2	0	---
Tin	ppm	4	4	<1	---
Aluminum	ppm	16	13	18	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	2	0	0	---
Nickel	ppm	3	2	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	120	107	184	---
Magnesium	ppm	7	2	2	---
Zinc	ppm	11	6	8	---
Phosphorus	ppm	176	189	272	---
Barium	ppm	0	<1	1	---
Boron	ppm	74	71	84	---

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: VOLVO3387
Unique No: 10709674
Signed: Wes Davis
Report Date: 24 Oct 2023



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GRAPHS

