



CONSTRUCTION EQUIPMENT

SWA532217 VOLVO A45G 352244 - TRANSMISSION (AUTO)



Sample No: VCP398238
Oil Type: VOLVO AT 102
Job No: SWA532217



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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SAMPLE INFORMATION

Sample Number	VCP398238	VCP454118	VCP289386	---
Sample Date	26 Apr 2024	04 Jan 2024	28 Sep 2020	---
Machine Hours	6400	6394	1348	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	27.6	27.4	22.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	15	17	---
Sodium	ppm	5	4	6	---
Potassium	ppm	2	5	6	---



WEAR METALS

Iron	ppm	56	57	28	---
Copper	ppm	23	26	64	---
Lead	ppm	0	<1	0	---
Tin	ppm	4	5	6	---
Aluminum	ppm	29	32	13	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	2	<1	---
Nickel	ppm	1	4	10	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	117	125	94	---
Magnesium	ppm	6	7	<1	---
Zinc	ppm	24	18	7	---
Phosphorus	ppm	221	255	147	---
Barium	ppm	0	0	2	---
Boron	ppm	76	71	65	---

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: VOLVO2990
Unique No: 11004120
Signed: Wes Davis
Report Date: 30 Apr 2024



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GRAPHS

