



CONSTRUCTION EQUIPMENT

W07012019-1 STANLEY VOLVO A45G 342044 - TRANSMISSION (AUTO)



Sample No: VCP401304
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W07012019-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP401304	VCP351031	VCP276058	---
Sample Date	02 Feb 2023	15 Mar 2022	10 Jul 2020	---
Machine Hours	8248	7009	4237	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFF
 KRATLIFF@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	27.8	28.6	26.0	---
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CONTAMINATION

Silicon	ppm	4	4	8	---
Sodium	ppm	3	6	6	---
Potassium	ppm	<1	0	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	50	64	94	---
Copper	ppm	37	48	70	---
Lead	ppm	<1	0	<1	---
Tin	ppm	4	6	9	---
Aluminum	ppm	13	15	28	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	6	7	▲ 11	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	90	102	85	---
Magnesium	ppm	3	5	1	---
Zinc	ppm	9	8	2	---
Phosphorus	ppm	207	191	145	---
Barium	ppm	0	0	<1	---
Boron	ppm	99	79	74	---

Depot: VOLVO8882
Unique No: 10325736
Signed: Don Baldrige
Report Date: 09 Feb 2023



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GRAPHS

