



CONSTRUCTION EQUIPMENT

VOLVO A45G 342023 - TRANSMISSION (AUTO)



Sample No: VCP302314
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP302314	VCP256675	VCP249448	---
Sample Date	06 Jan 2021	14 Sep 2019	07 May 2019	---
Machine Hours	5850	4013	3134	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	28.0	27.0	24.2	---
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CONTAMINATION

Silicon	ppm	2	3	6	---
Sodium	ppm	3	3	3	---
Potassium	ppm	<1	4	<1	---



WEAR METALS

Iron	ppm	28	23	24	---
Copper	ppm	15	12	15	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	2	2	---
Aluminum	ppm	10	9	10	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	1	1	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	<1	1	---



ADDITIVES

Calcium	ppm	122	141	82	---
Magnesium	ppm	10	5	<1	---
Zinc	ppm	28	39	5	---
Phosphorus	ppm	177	182	149	---
Barium	ppm	0	0	0	---
Boron	ppm	77	76	70	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 9319548
Signed: Don Baldrige
Report Date: 12 Jan 2021



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GRAPHS

