



CONSTRUCTION EQUIPMENT

VOLVO A45G 353274 - TRANSMISSION (AUTO)



Sample No: VCP409515
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP409515	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	2337	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	■ 28.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 46	---	---	---
Copper	ppm	■ 33	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ 21	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 80	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 40	---	---	---
Phosphorus	ppm	■ 217	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 65	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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: VOLVO0090
Unique No: 10659126
Signed: Don Baldrige
Report Date: 23 Sep 2023



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GRAPHS

