



CONSTRUCTION EQUIPMENT

VOLVO A40G 352489 - TRANSMISSION (AUTO)



Sample No: VCP436200
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436200	VCP343146	VCP308590	---
Sample Date	13 Dec 2023	04 Nov 2021	12 Apr 2021	---
Machine Hours	6270	2129	814	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	28.0	27.8	29.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	7	11	---
Sodium	ppm	4	7	6	---
Potassium	ppm	2	3	5	---



WEAR METALS

Iron	ppm	26	17	22	---
Copper	ppm	26	40	33	---
Lead	ppm	<1	0	0	---
Tin	ppm	3	4	3	---
Aluminum	ppm	18	9	7	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	4	6	4	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	2	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	83	86	93	---
Magnesium	ppm	0	1	4	---
Zinc	ppm	0	2	13	---
Phosphorus	ppm	144	198	157	---
Barium	ppm	0	0	1	---
Boron	ppm	82	92	61	---

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: 10796099
Signed: Don Baldrige
Report Date: 22 Dec 2023



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GRAPHS

