



CONSTRUCTION EQUIPMENT

19764 LANE-BLYTHE VOLVO A45G FS 352463 - TRANSMISSION (AUTO)



Sample No: VCP441384
Oil Type: VOLVO AT 102
Job No: 19764 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP441384	VCP417287	VCP331010	---
Sample Date	05 Oct 2023	07 Jun 2023	16 Jun 2022	---
Machine Hours	4306	3658	2321	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	22.1	22.4	23.9	---
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CONTAMINATION

Silicon	ppm	6	5	3	---
Sodium	ppm	5	5	2	---
Potassium	ppm	<1	0	0	---

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.



WEAR METALS

Iron	ppm	45	42	18	---
Copper	ppm	80	70	29	---
Lead	ppm	0	0	0	---
Tin	ppm	11	10	4	---
Aluminum	ppm	34	29	10	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	14	13	5	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	2	<1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	46	55	50	---
Magnesium	ppm	0	6	2	---
Zinc	ppm	0	8	3	---
Phosphorus	ppm	252	288	299	---
Barium	ppm	0	0	0	---
Boron	ppm	113	131	139	---

Depot: VOLVO8769
Unique No: 10702521
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

