



CONSTRUCTION EQUIPMENT

619536 PRINCE VOLVO L90H 626545 - TRANSMISSION (AUTO)



Sample No: VCP432669
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 619536 PRINCE



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SAMPLE INFORMATION

Sample Number	VCP432669	VCP417712	VCP398519	---
Sample Date	20 Oct 2023	07 Jul 2023	10 Apr 2023	---
Machine Hours	1583	988	449	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	27.8	28.1	28.3	---
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CONTAMINATION

Silicon	ppm	13	10	10	---
Sodium	ppm	5	4	3	---
Potassium	ppm	2	0	0	---



WEAR METALS

Iron	ppm	▲ 244	▲ 165	97	---
Copper	ppm	10	5	5	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	0	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	11	8	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	71	68	80	---
Magnesium	ppm	0	0	3	---
Zinc	ppm	26	27	21	---
Phosphorus	ppm	185	189	178	---
Barium	ppm	<1	0	0	---
Boron	ppm	63	70	70	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: VOLVO0096
Unique No: 10712241
Signed: Sean Felton
Report Date: 27 Oct 2023



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GRAPHS

