



CONSTRUCTION EQUIPMENT

579516 PRINCE VOLVO L90H 626545 - TRANSMISSION (AUTO)



Sample No: VCP417712
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 579516 PRINCE



SAMPLE INFORMATION

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

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OIL CONDITION

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

Silicon	ppm	█ 10	█ 10	---	---
Sodium	ppm	█ 4	█ 3	---	---
Potassium	ppm	█ 0	█ 0	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 68	█ 80	---	---
Magnesium	ppm	█ 0	█ 3	---	---
Zinc	ppm	█ 27	█ 21	---	---
Phosphorus	ppm	█ 189	█ 178	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 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: 10552374
Signed: Don Baldrige
Report Date: 14 Jul 2023



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VOLVO GRAPHS

