



CONSTRUCTION EQUIPMENT

579517 PRINCE VOLVO L90H 626298 - TRANSMISSION (AUTO)



Sample No: VCP417674
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 579517 PRINCE



SAMPLE INFORMATION

Sample Number	VCP417674	VCP398466	VCP370725	---
Sample Date	07 Jul 2023	23 Jan 2023	18 Oct 2022	---
Machine Hours	1506	1037	530	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.8	25.5	28.2	---
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CONTAMINATION

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

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	103	100	68	---
Copper	ppm	7	9	7	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	6	7	6	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	70	78	62	---
Magnesium	ppm	0	3	0	---
Zinc	ppm	32	36	19	---
Phosphorus	ppm	194	192	200	---
Barium	ppm	0	<1	0	---
Boron	ppm	68	76	69	---

Depot: VOLVO0096
Unique No: 10552375
Signed: Wes Davis
Report Date: 13 Jul 2023



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GRAPHS

