



CONSTRUCTION EQUIPMENT

633168 BULK EXP VOLVO L180H 5720 - TRANSMISSION (AUTO)



Sample No: VCP434604
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 633168 BULK EXP



SAMPLE INFORMATION

Sample Number	VCP434604	VCP434824	VCP408647	---
Sample Date	07 Nov 2023	13 Sep 2023	20 Jul 2023	---
Machine Hours	1692	1126	593	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.2	28.4	---
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CONTAMINATION

Silicon	ppm	9	8	8	---
Sodium	ppm	3	4	3	---
Potassium	ppm	1	3	<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	54	44	35	---
Copper	ppm	6	5	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	81	104	87	---
Magnesium	ppm	3	5	5	---
Zinc	ppm	16	33	17	---
Phosphorus	ppm	197	217	196	---
Barium	ppm	4	0	4	---
Boron	ppm	72	82	77	---

Depot: VOLVO0096
Unique No: 10739786
Signed: Jonathan Hester
Report Date: 15 Nov 2023



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GRAPHS

