



CONSTRUCTION EQUIPMENT

SPM567082 VOLVO L120H 632941 - TRANSMISSION (AUTO)



Sample No: VCP423192
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM567082



SAMPLE INFORMATION

Sample Number	VCP423192	VCP423169	VCP366909	VCP357531
Sample Date	21 Jun 2023	21 Jun 2023	14 Sep 2022	05 Apr 2022
Machine Hours	2611	2611	2013	1182
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL

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 F:



OIL CONDITION

Visc @ 40°C	cSt	28.7	30.6	30.9	29.7
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CONTAMINATION

Silicon	ppm	4	4	11	12
Sodium	ppm	3	3	4	4
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	39	21	43	39
Copper	ppm	5	5	9	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	3	5	5
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	1	2	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	4	4
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	77	203	368	92
Magnesium	ppm	17	▲ 28	<1	1
Zinc	ppm	37	101	119	11
Phosphorus	ppm	187	238	283	258
Barium	ppm	2	<1	0	0
Boron	ppm	84	93	79	90

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.

Depot: VOLVO8885
Unique No: 10548946
Signed: Wes Davis
Report Date: 10 Jul 2023



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GRAPHS

