



CONSTRUCTION EQUIPMENT

SPM566534 VOLVO L180H 5413 - TRANSMISSION (AUTO)



Sample No: VCP423021
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM566534



SAMPLE INFORMATION

Sample Number	VCP423021	VCP425188	VCP376841	VCP359458
Sample Date	30 Jun 2023	20 May 2023	20 Jul 2022	18 Apr 2022
Machine Hours	5936	5589	4384	3806
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT

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 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	25.8	25.8	26.1	26.3
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CONTAMINATION

Silicon	ppm	6	5	5	0
Sodium	ppm	5	3	3	0
Potassium	ppm	3	1	0	0



WEAR METALS

Iron	ppm	73	67	55	0
Copper	ppm	8	6	6	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	2	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	55	65	54	100
Magnesium	ppm	2	8	1	0
Zinc	ppm	11	19	16	32
Phosphorus	ppm	188	183	179	51
Barium	ppm	0	0	0	0
Boron	ppm	77	83	80	0

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: VOLV00142
Unique No: 10547485
Signed: Wes Davis
Report Date: 07 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

