



CONSTRUCTION EQUIPMENT

SPM567082 VOLVO L120H 632941 - TRANSMISSION (AUTO)



Sample No: VCP423169
Oil Type: VOLVO AT 102
Job No: SPM567082



SAMPLE INFORMATION

Sample Number	VCP423169	VCP366909	VCP357531	VCP334802
Sample Date	21 Jun 2023	14 Sep 2022	05 Apr 2022	11 Oct 2021
Machine Hours	2611	2013	1182	525
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	30.6	30.9	29.7	29.0
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CONTAMINATION

Silicon	ppm	4	11	12	10
Sodium	ppm	3	4	4	3
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	21	43	39	22
Copper	ppm	5	9	6	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	5	5	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	4	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	203	368	92	82
Magnesium	ppm	28	<1	1	2
Zinc	ppm	101	119	11	19
Phosphorus	ppm	238	283	258	183
Barium	ppm	<1	0	0	4
Boron	ppm	93	79	90	78

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: 10548943
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

