



CONSTRUCTION EQUIPMENT

SPM606017 VOLVO L120H 632860 - TRANSMISSION (AUTO)



Sample No: VCP432772
Oil Type: VOLVO AT 102
Job No: SPM606017



SAMPLE INFORMATION

Sample Number	VCP432772	VCP411702	VCP397640	VCP375132
Sample Date	06 Sep 2023	06 Jun 2023	08 Feb 2023	16 Jul 2022
Machine Hours	5768	4936	4349	3246
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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OIL CONDITION

Visc @ 40°C	cSt	25.4	28.0	34.4	26.8
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CONTAMINATION

Silicon	ppm	4	4	9	8
Sodium	ppm	3	1	6	4
Potassium	ppm	0	1	0	<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	31	28	97	76
Copper	ppm	5	4	14	11
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	6	2	9	8
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	8	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	77	83	80
Magnesium	ppm	2	2	4	5
Zinc	ppm	16	19	70	71
Phosphorus	ppm	204	190	170	169
Barium	ppm	<1	0	1	<1
Boron	ppm	83	79	48	55

Depot: ORAORL
Unique No: 10647784
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

