



CONSTRUCTION EQUIPMENT

SPM621942 WASTE MGMT VOLVO L90H 624824 - TRANSMISSION (AUTO)



Sample No: VCP398363
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM621942 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP398363	VCP426423	VCP395501	VCP415235
Sample Date	18 Oct 2023	03 Oct 2023	28 Sep 2023	12 Sep 2023
Machine Hours	10540	10193	10002	9830
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	27.6	39.5	27.9	27.9
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CONTAMINATION

Silicon	ppm	16	17	25	17
Sodium	ppm	10	9	9	6
Potassium	ppm	23	24	22	24

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	54	51	43	36
Copper	ppm	8	7	6	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	2
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	6	6	5
Vanadium	ppm	0	<1	<1	0



ADDITIVES

Calcium	ppm	76	78	78	85
Magnesium	ppm	2	2	2	2
Zinc	ppm	22	18	15	22
Phosphorus	ppm	170	175	172	171
Barium	ppm	0	0	0	0
Boron	ppm	60	63	64	64

Depot: VOLVO8885
Unique No: 10738506
Signed: Don Baldrige
Report Date: 14 Nov 2023

VOLVO **GRAPHS**

