



# CONSTRUCTION EQUIPMENT

## SWA280776-40 WASTE VOLVO L90H 624824 - TRANSMISSION (AUTO)



**Sample No:** VCP382909  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA280776-40 WASTE



### SAMPLE INFORMATION

Sample Number	<b>VCP382909</b>	VCP382900	VCP399974	VCP404944
Sample Date	<b>29 Jun 2023</b>	08 Jun 2023	07 Jun 2023	18 May 2023
Machine Hours	<b>9453</b>	9431	9431	9211
Oil Hours	<b>22</b>	0	0	0
Oil Changed	<b>N/A</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	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	<b>28.0</b>	29.9	31.5	30.1
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### CONTAMINATION

Silicon	ppm	<b>13</b>	5	7	5
Sodium	ppm	<b>7</b>	6	5	3
Potassium	ppm	<b>14</b>	<1	3	2

### 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	<b>9</b>	52	56	43
Copper	ppm	<b>3</b>	191	169	166
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>0</b>	7	9	5
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	3	3	3
Nickel	ppm	<b>0</b>	<1	1	0
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>82</b>	183	172	168
Magnesium	ppm	<b>&lt;1</b>	40	38	36
Zinc	ppm	<b>2</b>	84	77	89
Phosphorus	ppm	<b>185</b>	268	243	229
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>84</b>	66	66	66

**Depot:** VOLVO8885  
**Unique No:** 10538597  
**Signed:** Don Baldrige  
**Report Date:** 04 Jul 2023



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## VOLVO GRAPHS

