



# CONSTRUCTION EQUIPMENT

## SWA387009 WASTE MGMT VOLVO L180H 5511 - REAR AXLE



**Sample No:** VCP382574  
**Oil Type:** TDH FLUID SAE 75W80  
**Job No:** SWA387009 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP382574</b>	VCP381184	---	---
Sample Date	<b>19 Oct 2023</b>	13 Apr 2023	---	---
Machine Hours	<b>4654</b>	3986	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
 DAVIE, FL  
 US 33314

Contact: N. FACEY  
 nfacey@altaequipfl.com  
 T: (954)581-4744  
 F: (954)583-0318



### OIL CONDITION

Visc @ 40°C	cSt	<b>48.3</b>	50.4	---	---
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### CONTAMINATION

Silicon	ppm	<b>9</b>	12	---	---
Sodium	ppm	<b>5</b>	5	---	---
Potassium	ppm	<b>&lt;1</b>	0	---	---



### WEAR METALS

Iron	ppm	<b>241</b>	275	---	---
Copper	ppm	<b>&lt;1</b>	<1	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>4</b>	4	---	---
Molybdenum	ppm	<b>13</b>	14	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>3</b>	4	---	---
Vanadium	ppm	<b>&lt;1</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>2135</b>	3312	---	---
Magnesium	ppm	<b>11</b>	23	---	---
Zinc	ppm	<b>995</b>	1406	---	---
Phosphorus	ppm	<b>799</b>	1080	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>71</b>	121	---	---

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.  
 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.

**Depot:** VOLVO0095  
**Unique No:** 10712160  
**Signed:** Wes Davis  
**Report Date:** 26 Oct 2023



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## GRAPHS

