



# CONSTRUCTION EQUIPMENT

## SPM581084 WASTE MGMT VOLVO L150H 7152 - REAR AXLE



**Sample No:** VCP420656  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM581084 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP420656</b>	VCP409349	VCP416596	VCP405964
Sample Date	<b>26 Jul 2023</b>	05 Jul 2023	25 May 2023	24 Apr 2023
Machine Hours	<b>1575</b>	1396	1087	867
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
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>40.4</b>	41.5	41.5	40.7
-------------	-----	-------------	------	------	------



### CONTAMINATION

Silicon	ppm	<b>11</b>	16	15	15
Sodium	ppm	<b>8</b>	11	10	11
Potassium	ppm	<b>3</b>	<1	<1	<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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>40</b>	426	271	331
Copper	ppm	<b>1</b>	<1	2	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>2</b>	2	1	2
Chromium	ppm	<b>2</b>	7	4	5
Molybdenum	ppm	<b>3</b>	11	8	9
Nickel	ppm	<b>&lt;1</b>	1	<1	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	12	9	9
Vanadium	ppm	<b>0</b>	<1	0	<1



### ADDITIVES

Calcium	ppm	<b>3909</b>	4028	3840	3954
Magnesium	ppm	<b>9</b>	16	14	14
Zinc	ppm	<b>1626</b>	1675	1546	1612
Phosphorus	ppm	<b>1342</b>	1333	1234	1334
Barium	ppm	<b>1</b>	0	0	0
Boron	ppm	<b>148</b>	128	136	136

**Depot:** VOLVO8885  
**Unique No:** 10602471  
**Signed:** Wes Davis  
**Report Date:** 12 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

