



# CONSTRUCTION EQUIPMENT

## SPM595749 WASTE MGMT VOLVO L150H 7152 - FRONT AXLE



**Sample No:** VCP425438  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM595749 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP425438</b>	VCP420657	VCP409350	VCP416580
Sample Date	<b>12 Sep 2023</b>	26 Jul 2023	05 Jul 2023	25 May 2023
Machine Hours	<b>1861</b>	1575	1396	1087
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

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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.0</b>	40.2	40.5	40.8
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### CONTAMINATION

Silicon	ppm	<b>23</b>	12	20	16
Sodium	ppm	<b>9</b>	8	11	11
Potassium	ppm	<b>5</b>	3	2	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>268</b>	38	210	144
Copper	ppm	<b>1</b>	2	1	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>4</b>	2	2	1
Chromium	ppm	<b>4</b>	2	4	3
Molybdenum	ppm	<b>9</b>	3	9	8
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>11</b>	3	10	8
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>4114</b>	3876	4050	3760
Magnesium	ppm	<b>12</b>	9	15	14
Zinc	ppm	<b>1657</b>	1621	1654	1530
Phosphorus	ppm	<b>1356</b>	1335	1343	1226
Barium	ppm	<b>0</b>	1	0	0
Boron	ppm	<b>133</b>	146	131	136

**Depot:** VOLVO8885  
**Unique No:** 10658497  
**Signed:** Don Baldrige  
**Report Date:** 22 Sep 2023



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## VOLVO GRAPHS

