



# CONSTRUCTION EQUIPMENT

## SPM568158 WM CR LAKE VOLVO L150H 7152 - REAR AXLE



**Sample No:** VCP409349  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM568158 WM CR LAKE



### SAMPLE INFORMATION

Sample Number	<b>VCP409349</b>	VCP416596	VCP405964	VCP411403
Sample Date	<b>05 Jul 2023</b>	25 May 2023	24 Apr 2023	06 Mar 2023
Machine Hours	<b>1396</b>	1087	867	487
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**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.5</b>	41.5	40.7	40.4
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### CONTAMINATION

Silicon	ppm	<b>16</b>	15	15	12
Sodium	ppm	<b>11</b>	10	11	7
Potassium	ppm	<b>&lt;1</b>	<1	<1	3

### 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>426</b>	271	331	261
Copper	ppm	<b>&lt;1</b>	2	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>2</b>	1	2	3
Chromium	ppm	<b>7</b>	4	5	4
Molybdenum	ppm	<b>11</b>	8	9	8
Nickel	ppm	<b>1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>12</b>	9	9	8
Vanadium	ppm	<b>&lt;1</b>	0	<1	<1



### ADDITIVES

Calcium	ppm	<b>4028</b>	3840	3954	4110
Magnesium	ppm	<b>16</b>	14	14	11
Zinc	ppm	<b>1675</b>	1546	1612	1612
Phosphorus	ppm	<b>1333</b>	1234	1334	1327
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>128</b>	136	136	120

**Depot:** VOLVO8885  
**Unique No:** 10560810  
**Signed:** Wes Davis  
**Report Date:** 17 Jul 2023



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## VOLVO GRAPHS

