



# CONSTRUCTION EQUIPMENT

8000381345 VOLVO L120H 632927 - REAR AXLE



**Sample No:** VCP391824  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 8000381345



## SAMPLE INFORMATION

Sample Number	<b>VCP391824</b>	VCP352953	VCP331771	VCP333729
Sample Date	<b>18 Oct 2023</b>	07 Dec 2022	26 Aug 2022	04 Dec 2021
Machine Hours	<b>6487</b>	4258	3187	908
Oil Hours	<b>0</b>	0	0	908
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**STRONGCO EQUIP (AB)**  
 6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>43.8</b>	52.1	51.5	40.1
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## CONTAMINATION

Silicon	ppm	<b>14</b>	16	16	16
Sodium	ppm	<b>1</b>	4	8	11
Potassium	ppm	<b>&lt;1</b>	0	0	2



## WEAR METALS

Iron	ppm	<b>35</b>	34	104	235
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	1	1	1
Chromium	ppm	<b>&lt;1</b>	<1	2	6
Molybdenum	ppm	<b>0</b>	<1	2	12
Nickel	ppm	<b>&lt;1</b>	0	<1	1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	4	12
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>4235</b>	3831	3880	3934
Magnesium	ppm	<b>16</b>	16	18	13
Zinc	ppm	<b>1612</b>	1431	1480	1608
Phosphorus	ppm	<b>1320</b>	1212	1199	1366
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>123</b>	107	111	119

## 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.

**Depot:** VOLVO9652  
**Unique No:** 5659774  
**Signed:** Wes Davis  
**Report Date:** 20 Oct 2023



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## GRAPHS

