



# CONSTRUCTION EQUIPMENT

## 331093 VOLVO L120H 632081 - FRONT AXLE



**Sample No:** VCP331777  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 331093



### SAMPLE INFORMATION

Sample Number	<b>VCP331777</b>	VCP347410	VCP334117	VCP298428
Sample Date	<b>12 Aug 2022</b>	16 May 2022	17 Jan 2022	17 Sep 2021
Machine Hours	<b>26239</b>	24847	23116	21071
Oil Hours	<b>0</b>	0	0	0
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  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487



### OIL CONDITION

Visc @ 40°C	cSt	<b>49.8</b>	50.9	50.7	52.1
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### CONTAMINATION

Silicon	ppm	<b>16</b>	16	16	15
Sodium	ppm	<b>1</b>	6	9	9
Potassium	ppm	<b>0</b>	0	1	2

### 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>11</b>	14	24	24
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>1</b>	1	<1	<1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3917</b>	3668	3517	3779
Magnesium	ppm	<b>16</b>	18	15	14
Zinc	ppm	<b>1479</b>	1479	1385	1506
Phosphorus	ppm	<b>1193</b>	1239	1167	1248
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>109</b>	107	108	121

**Depot:** VOLVO9652  
**Unique No:** 5438661  
**Signed:** Kevin Marson  
**Report Date:** 17 Aug 2022



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## VOLVO GRAPHS

