



# CONSTRUCTION EQUIPMENT

## 364520 VOLVO L120H 632541 - REAR AXLE



**Sample No:** VCP381810  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 364520



### SAMPLE INFORMATION

Sample Number	<b>VCP381810</b>	VCP380860	VCP260209	VCP347458
Sample Date	<b>10 May 2023</b>	03 Jan 2023	02 Sep 2022	07 Mar 2022
Machine Hours	<b>10842</b>	8482	5517	2091
Oil Hours	<b>2000</b>	0	3517	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**STRONGCO EQUIP (AB)**  
 6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)391-3520  
 F: (403)346-3487



### OIL CONDITION

Visc @ 40°C	cSt	<b>50.5</b>	49.2	62.8	53.4
-------------	-----	-------------	------	------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	19	14	17
Sodium	ppm	<b>5</b>	<1	5	6
Potassium	ppm	<b>0</b>	<1	<1	<1



### WEAR METALS

Iron	ppm	<b>15</b>	36	74	74
Copper	ppm	<b>0</b>	0	<1	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>1</b>	2	1	1
Chromium	ppm	<b>0</b>	<1	2	2
Molybdenum	ppm	<b>&lt;1</b>	1	19	2
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	3	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3885</b>	3915	2721	3657
Magnesium	ppm	<b>17</b>	26	226	18
Zinc	ppm	<b>1480</b>	1485	1221	1477
Phosphorus	ppm	<b>1273</b>	1299	1138	1251
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>106</b>	113	83	111

### 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:** 5578338  
**Signed:** Wes Davis  
**Report Date:** 12 May 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

