



# CONSTRUCTION EQUIPMENT

702593 5729 VOLVO L180 5729 - REAR AXLE



**Sample No:** VCP449806  
**Oil Type:** VOLVO WB 102  
**Job No:** 702593



## SAMPLE INFORMATION

Sample Number	<b>VCP449806</b>	VCP446633	VCP429284	VCP418961
Sample Date	<b>22 Apr 2024</b>	13 Feb 2024	04 Dec 2023	11 Oct 2023
Machine Hours	<b>3545</b>	2754	2153	1427
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	Changed	Not Changd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**TRADEMARK METALS RECYCLING - SUTTON**  
 5220 DOVER STREET  
 TAMPA, FL  
 US 33619  
 Contact: RYAN BOWDEN



## OIL CONDITION

Visc @ 40°C	cSt	<b>43.9</b>	44.0	43.0	41.6
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T:  
 F: (813)677-3007



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>9</b>	11	11	13
Sodium	ppm	<b>1</b>	<1	1	3
Potassium	ppm	<b>0</b>	0	5	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>47</b>	24	33	61
Copper	ppm	<b>2</b>	<1	4	1
Lead	ppm	<b>&lt;1</b>	0	1	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>&lt;1</b>	1	2	1
Chromium	ppm	<b>1</b>	<1	1	2
Molybdenum	ppm	<b>2</b>	2	1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	<1	2	3
Vanadium	ppm	<b>0</b>	0	<1	0



## ADDITIVES

Calcium	ppm	<b>4077</b>	4057	2913	4041
Magnesium	ppm	<b>27</b>	28	0	6
Zinc	ppm	<b>1562</b>	1646	1322	1728
Phosphorus	ppm	<b>1287</b>	1286	1005	1307
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>115</b>	127	110	128

**Depot:** TRATAMFL  
**Unique No:** 11005585  
**Signed:** Wes Davis  
**Report Date:** 01 May 2024



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## GRAPHS

