



# CONSTRUCTION EQUIPMENT

## SPM689436 5378 VOLVO L180H 5378 - FRONT AXLE



**Sample No:** DJJ022704  
**Oil Type:** VOLVO WB 102  
**Job No:** SPM689436



### SAMPLE INFORMATION

Sample Number	<b>DJJ022704</b>	VCP433339	VCP312210	---
Sample Date	<b>05 Apr 2024</b>	22 Nov 2023	03 May 2021	---
Machine Hours	<b>7610</b>	6747	626	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**TRADEMARK METALS RECYCLING - EVERGLADES**  
 3440 NW 135TH ST  
 OPA LOCKA, FL  
 US 33054  
 Contact: RYAN BOWDEN



### OIL CONDITION

Visc @ 40°C	cSt	<b>40.7</b>	40.6	39.9	---
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T:  
 F: (305)681-4914



### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>16</b>	11	20	---
Sodium	ppm	<b>4</b>	6	19	---
Potassium	ppm	<b>0</b>	2	7	---

### 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>109</b>	161	49	---
Copper	ppm	<b>17</b>	50	8	---
Lead	ppm	<b>&lt;1</b>	1	1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>&lt;1</b>	<1	1	---
Chromium	ppm	<b>2</b>	3	3	---
Molybdenum	ppm	<b>&lt;1</b>	1	4	---
Nickel	ppm	<b>&lt;1</b>	1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	4	5	---
Vanadium	ppm	<b>&lt;1</b>	0	<1	---



### ADDITIVES

Calcium	ppm	<b>3390</b>	3529	8675	---
Magnesium	ppm	<b>10</b>	0	23	---
Zinc	ppm	<b>1479</b>	1644	3712	---
Phosphorus	ppm	<b>1166</b>	1190	3003	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>41</b>	122	275	---

**Depot:** TRAOPA  
**Unique No:** 10969523  
**Signed:** Wes Davis  
**Report Date:** 11 Apr 2024



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## GRAPHS

