



# CONSTRUCTION EQUIPMENT

## VOLVO L180H 5568 - FRONT AXLE



**Sample No:** VCP382164  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP382164</b>	VCP353042	VCP334180	---
Sample Date	<b>22 Aug 2023</b>	21 Feb 2023	12 Oct 2022	---
Machine Hours	<b>1982</b>	1430	1015	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>N/A</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**STRONGCO EQUIPMENT**  
 5200 BOUL ST JOSEPH  
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 CA G8Z 4L8  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.5</b>	47.8	40.5	---
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### CONTAMINATION

Silicon	ppm	<b>13</b>	15	10	---
Sodium	ppm	<b>1</b>	3	9	---
Potassium	ppm	<b>&lt;1</b>	0	2	---

### WEAR METALS

Iron	ppm	<b>20</b>	55	82	---
Copper	ppm	<b>&lt;1</b>	<1	1	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>1</b>	1	<1	---
Chromium	ppm	<b>&lt;1</b>	2	3	---
Molybdenum	ppm	<b>1</b>	2	5	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	3	0	---
Manganese	ppm	<b>&lt;1</b>	3	7	---
Vanadium	ppm	<b>0</b>	0	0	---

### ADDITIVES

Calcium	ppm	<b>3995</b>	4273	3837	---
Magnesium	ppm	<b>18</b>	26	10	---
Zinc	ppm	<b>1602</b>	1607	1540	---
Phosphorus	ppm	<b>1387</b>	1366	1416	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>120</b>	124	104	---

**Diagnosis**  
 Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** STR520TRO  
**Unique No:** 5630866  
**Signed:** Wes Davis  
**Report Date:** 23 Aug 2023



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## GRAPHS

