



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 5487 - FRONT AXLE



**Sample No:** VCP382473  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP382473</b>	VCP252319	VCP222569	---
Sample Date	<b>09 Mar 2023</b>	03 Jan 2021	18 Mar 2019	---
Machine Hours	<b>12140</b>	8206	4088	---
Oil Hours	<b>4000</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

### STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH  
 TROIS RIVIERE, QC  
 CA G8Z 4L8  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>42.6</b>	40.0	102	---
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### CONTAMINATION

Silicon	ppm	<b>24</b>	69	5	---
Sodium	ppm	<b>1</b>	8	<1	---
Potassium	ppm	<b>&lt;1</b>	1	<1	---



### WEAR METALS

PQ		---	129	---	---
Iron	ppm	<b>296</b>	824	36	---
Copper	ppm	<b>&lt;1</b>	<1	<1	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	1	1	---
Chromium	ppm	<b>&lt;1</b>	2	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	4	1	---
Vanadium	ppm	<b>0</b>	<1	0	---



### ADDITIVES

Calcium	ppm	<b>4304</b>	3846	3175	---
Magnesium	ppm	<b>16</b>	15	8	---
Zinc	ppm	<b>1608</b>	1607	1034	---
Phosphorus	ppm	<b>1419</b>	1280	834	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>121</b>	115	11	---

### 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:** 5542534  
**Signed:** Wes Davis  
**Report Date:** 15 Mar 2023



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## GRAPHS

