



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 5487 - REAR AXLE



**Sample No:** VCP382407  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP382407</b>	VCP252315	VCP222574	---
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>	SEVERE	NORMAL	---

### STRONGCO EQUIPMENT

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

Visc @ 40°C	cSt	<b>40.5</b>	40.3	40.8	---
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### CONTAMINATION

Silicon	ppm	<b>32</b>	77	13	---
Sodium	ppm	<b>3</b>	4	<1	---
Potassium	ppm	<b>&lt;1</b>	1	<1	---



### WEAR METALS

PQ		<b>682</b>	2810	---	---
Iron	ppm	<b>587</b>	1788	115	---
Copper	ppm	<b>&lt;1</b>	2	2	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>1</b>	1	<1	---
Chromium	ppm	<b>2</b>	4	1	---
Molybdenum	ppm	<b>4</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>3</b>	9	3	---
Vanadium	ppm	<b>0</b>	<1	0	---



### ADDITIVES

Calcium	ppm	<b>3812</b>	3614	4112	---
Magnesium	ppm	<b>46</b>	9	11	---
Zinc	ppm	<b>1424</b>	1539	1648	---
Phosphorus	ppm	<b>1229</b>	1244	1302	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>117</b>	105	116	---

### 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:** 5542533  
**Signed:** Kevin Marson  
**Report Date:** 16 Mar 2023



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## GRAPHS

