



# CONSTRUCTION EQUIPMENT

SWA109498 VOLVO L350H 1101 - REAR LEFT FINAL DRIVE



**Sample No:** VCP367673  
**Oil Type:** VOLVO WB 102  
**Job No:** SWA109498



## SAMPLE INFORMATION

Sample Number	VCP367673	---	---	---
Sample Date	10 Nov 2022	---	---	---
Machine Hours	5562	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
Contact: DAVE ENG  
DAVE.ENG@ALTG.COM  
T: (312)350-2560  
F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 43.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	● 1776	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3144	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 1259	---	---	---
Phosphorus	ppm	█ 1060	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 87	---	---	---

## Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO8885  
**Unique No:** 10217447  
**Signed:** Don Baldrige  
**Report Date:** 16 Nov 2022



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## VOLVO GRAPHS

