



# CONSTRUCTION EQUIPMENT

## 24151 VOLVO L350 1222 - TRANSMISSION



**Sample No:** VCP435067  
**Oil Type:** VOLVO SUPER TRANSMISSION OIL SAE 30  
**Job No:** 24151



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### SAMPLE INFORMATION

Sample Number	<b>VCP435067</b>	VCP426999	---	---
Sample Date	<b>18 Oct 2023</b>	25 Aug 2023	---	---
Machine Hours	<b>4423</b>	3525	---	---
Oil Hours	<b>1000</b>	1000	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	<b>60.2</b>	40.5	---	---
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### CONTAMINATION

Silicon	ppm	<b>37</b>	54	---	---
Sodium	ppm	<b>0</b>	5	---	---
Potassium	ppm	<b>2</b>	0	---	---



### WEAR METALS

Iron	ppm	<b>28</b>	38	---	---
Copper	ppm	<b>131</b>	194	---	---
Lead	ppm	<b>2</b>	<1	---	---
Tin	ppm	<b>1</b>	1	---	---
Aluminum	ppm	<b>2</b>	3	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3043</b>	3067	---	---
Magnesium	ppm	<b>10</b>	14	---	---
Zinc	ppm	<b>1208</b>	1121	---	---
Phosphorus	ppm	<b>981</b>	959	---	---
Barium	ppm	<b>0</b>	2	---	---
Boron	ppm	<b>1</b>	0	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO3387  
**Unique No:** 10709673  
**Signed:** Sean Felton  
**Report Date:** 25 Oct 2023



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## GRAPHS

