



# CONSTRUCTION EQUIPMENT

646642 STONE CO VOLVO L350H 1149 - TRANSMISSION (MANUAL)



**Sample No:** VCP452292  
**Oil Type:** VOLVO SUPER TRANSMISSION OIL SAE 30  
**Job No:** 646642 STONE CO



## SAMPLE INFORMATION

Sample Number	<b>VCP452292</b>	VCP424551	VCP408797	VCP396160
Sample Date	<b>19 Dec 2023</b>	09 Aug 2023	09 May 2023	21 Oct 2022
Machine Hours	<b>4837</b>	3904	3614	2966
Oil Hours	<b>1000</b>	1000	847	966
Oil Changed	<b>Changed</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**ALTA EQUIPMENT COMPANY - METRO WEST**  
56195 PONTIAC TRAIL  
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US 48165  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>80.7</b>	99.8	98.9	90.4
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>27</b>	24	6	8
Sodium	ppm	<b>0</b>	0	2	0
Potassium	ppm	<b>1</b>	0	0	0

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>48</b>	19	14	16
Copper	ppm	<b>110</b>	30	24	43
Lead	ppm	<b>0</b>	0	2	0
Tin	ppm	<b>1</b>	0	1	<1
Aluminum	ppm	<b>2</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>2515</b>	3235	3090	3151
Magnesium	ppm	<b>7</b>	8	10	9
Zinc	ppm	<b>949</b>	1298	1302	1235
Phosphorus	ppm	<b>828</b>	1036	1054	1021
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>0</b>	0	0	0

**Depot:** VOLVO2990  
**Unique No:** 10823015  
**Signed:** Wes Davis  
**Report Date:** 11 Jan 2024



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## GRAPHS

