



# CONSTRUCTION EQUIPMENT

## 23691 VOLVO L350H 1178 - TRANSMISSION (MANUAL)



**Sample No:** VCP420876  
**Oil Type:** VOLVO SUPER TRANSMISSION OIL SAE 30  
**Job No:** 23691



### SAMPLE INFORMATION

Sample Number	<b>VCP420876</b>	VCP423584	VCP359823	VCP342466
Sample Date	<b>10 Jul 2023</b>	31 Mar 2023	24 May 2022	19 Jan 2022
Machine Hours	<b>4999</b>	4261	1972	1008
Oil Hours	<b>1000</b>	2000	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**218 - ASCENDUM MACHINERY INC - N. CHARLESTON**  
 7235 CROSS COUNTRY RD.  
 NORTH CHARLESTON, SC  
 US 29418  
 Contact: MATT MITCHAM  
 matt.mitcham@ascendummachinery.com  
 T:  
 F: (843)414-1129



### OIL CONDITION

Visc @ 40°C	cSt	<b>93.2</b>	88.5	70.5	39.4
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### CONTAMINATION

Silicon	ppm	<b>10</b>	17	22	41
Sodium	ppm	<b>1</b>	2	<1	1
Potassium	ppm	<b>&lt;1</b>	2	3	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>15</b>	29	19	25
Copper	ppm	<b>24</b>	47	47	96
Lead	ppm	<b>0</b>	<1	<1	2
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>1</b>	<1	1	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>4</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3206</b>	3154	3121	3017
Magnesium	ppm	<b>65</b>	11	9	9
Zinc	ppm	<b>1320</b>	1286	1297	1194
Phosphorus	ppm	<b>1057</b>	1097	1070	930
Barium	ppm	<b>0</b>	0	<1	5
Boron	ppm	<b>0</b>	2	5	4

**Depot:** VOLVO3387  
**Unique No:** 10563050  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2023



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## GRAPHS

