



# CONSTRUCTION EQUIPMENT

## SPM701872 VOLVO L350H 1011 - TRANSMISSION (MANUAL)



**Sample No:** VCP444810  
**Oil Type:** TDTO FLUID SAE 30  
**Job No:** SPM701872



### SAMPLE INFORMATION

Sample Number	<b>VCP444810</b>	VCP405990	VCP397509	VCP365357
Sample Date	<b>15 Apr 2024</b>	18 May 2023	22 Feb 2023	30 Jul 2022
Machine Hours	<b>9455</b>	6873	6207	5213
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>83.3</b>	88.9	87.3	81.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	5	7	8
Sodium	ppm	<b>2</b>	<1	2	<1
Potassium	ppm	<b>0</b>	0	<1	2

### 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>8</b>	7	9	22
Copper	ppm	<b>11</b>	12	8	55
Lead	ppm	<b>&lt;1</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	1
Aluminum	ppm	<b>&lt;1</b>	<1	<1	2
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>2</b>	1	2	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	2	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3213</b>	3220	3312	3125
Magnesium	ppm	<b>20</b>	19	28	16
Zinc	ppm	<b>1101</b>	1048	1080	1314
Phosphorus	ppm	<b>939</b>	845	846	1093
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>8</b>	3	6	4

**Depot:** VOLVO8885  
**Unique No:** 10996252  
**Signed:** Wes Davis  
**Report Date:** 26 Apr 2024



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## GRAPHS

