



# CONSTRUCTION EQUIPMENT

## W14566 HOUSBY VOLVO L180H 5363 - TRANSMISSION (AUTO)



**Sample No:** VCP410535  
**Oil Type:** VOLVO AT 102  
**Job No:** W14566 HOUSBY



### SAMPLE INFORMATION

Sample Number	<b>VCP410535</b>	VCP406889	VCP380817	VCP379536
Sample Date	<b>17 Aug 2023</b>	01 Jun 2023	08 Mar 2023	29 Dec 2022
Machine Hours	<b>4010</b>	3537	3023	2660
Oil Hours	<b>4000</b>	500	1000	500
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>26.8</b>	26.9	27.1	27.0
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### CONTAMINATION

Silicon	ppm	<b>6</b>	5	5	5
Sodium	ppm	<b>3</b>	3	2	2
Potassium	ppm	<b>1</b>	2	<1	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>140</b>	125	97	93
Copper	ppm	<b>7</b>	5	5	5
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	2	<1	1
Chromium	ppm	<b>&lt;1</b>	1	1	1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>4</b>	4	3	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>82</b>	94	79	80
Magnesium	ppm	<b>1</b>	<1	<1	2
Zinc	ppm	<b>14</b>	26	20	22
Phosphorus	ppm	<b>180</b>	191	165	188
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>69</b>	64	64	76

**Depot:** VOLVO0080  
**Unique No:** 10615849  
**Signed:** Wes Davis  
**Report Date:** 22 Aug 2023



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## VOLVO GRAPHS

