



# CONSTRUCTION EQUIPMENT

## VOLVO L180H 5290 - TRANSMISSION (AUTO)



**Sample No:** VCP312683

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP312683</b>	VCP343279	VCP386305	VCP377133
Sample Date	<b>07 Sep 2023</b>	19 Jun 2023	13 Mar 2023	21 Nov 2022
Machine Hours	<b>5994</b>	5464	4934	4347
Oil Hours	<b>530</b>	1117	587	1019
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SCHILDBERG CONSTRUCTION COMPANY**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.9</b>	28.7	29.5	34.1
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### CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	1	1	1
Potassium	ppm	<b>&lt;1</b>	<1	0	0



### WEAR METALS

Iron	ppm	<b>6</b>	7	4	6
Copper	ppm	<b>1</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	<1	<1	0
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>118</b>	83	79	82
Magnesium	ppm	<b>3</b>	0	2	0
Zinc	ppm	<b>11</b>	0	5	0
Phosphorus	ppm	<b>248</b>	243	223	214
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>118</b>	128	126	118

### 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.

**Depot:** SCHGRE

**Unique No:** 10672340

**Signed:** Don Baldrige

**Report Date:** 03 Oct 2023

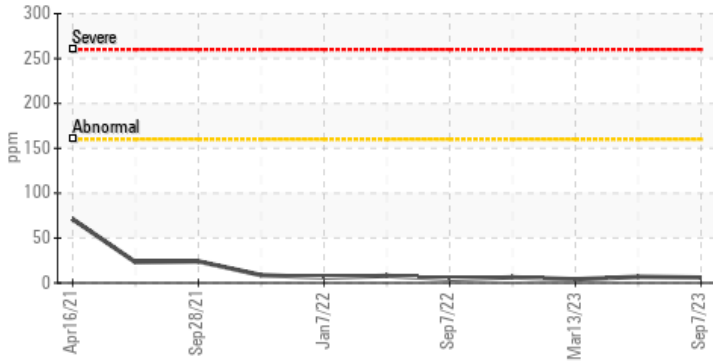


# CONSTRUCTION EQUIPMENT

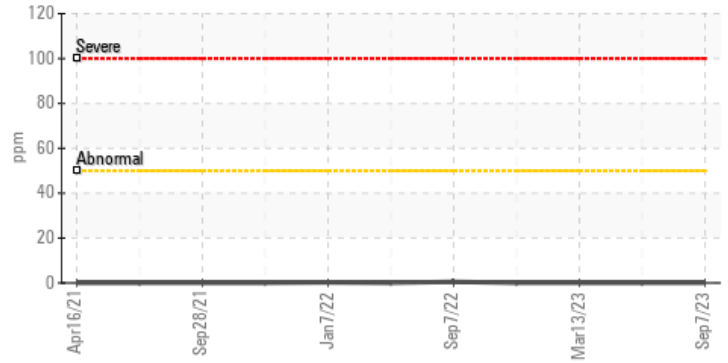


## GRAPHS

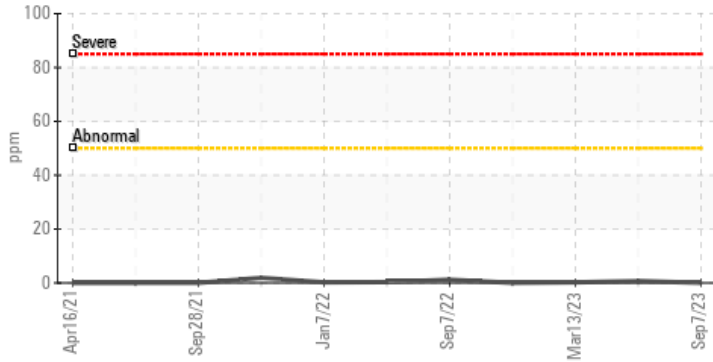
### Iron (ppm)



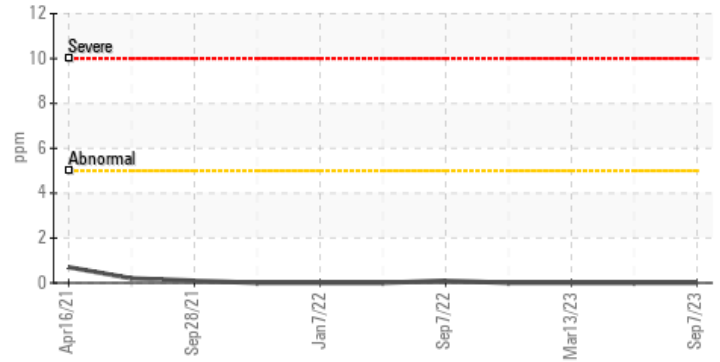
### Lead (ppm)



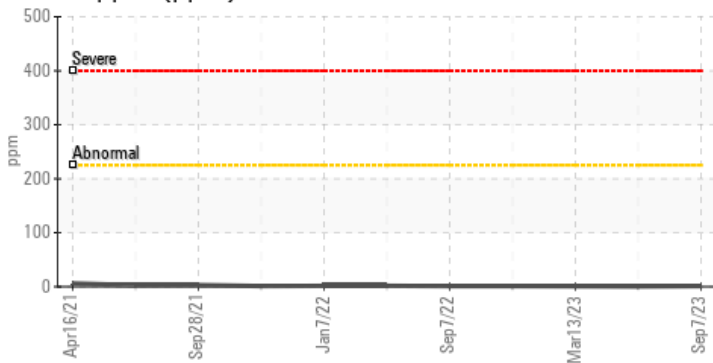
### Aluminum (ppm)



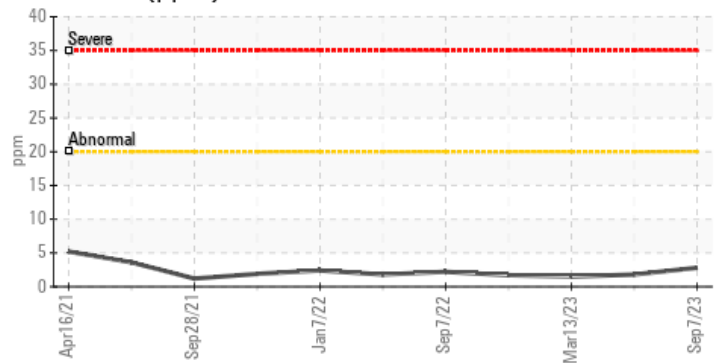
### Chromium (ppm)



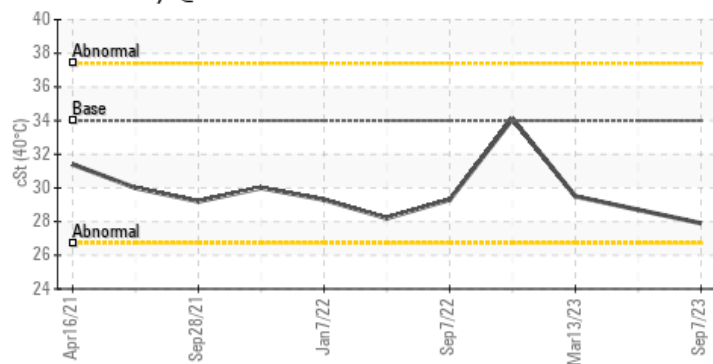
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

