



# CONSTRUCTION EQUIPMENT

## A12543 VOLVO L180H 4165 - TRANSMISSION (AUTO)



**Sample No:** VCP412354

**Oil Type:** MOBIL ATF

**Job No:** A12543



### SAMPLE INFORMATION

Sample Number	<b>VCP412354</b>	VCP440435	VCP399903	---
Sample Date	<b>02 May 2024</b>	10 Feb 2024	21 Feb 2023	---
Machine Hours	<b>14045</b>	13485	10932	---
Oil Hours	<b>2000</b>	1500	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---



### WASTE MANAGEMENT - TELFORD

400 PROGRESS DR  
 TELFORD, PA  
 US 18969-1191  
 Contact: EDWARD ROGENER  
 erogener@wm.com

T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>26.4</b>	25.9	27.7	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>2</b>	2	3	---
Sodium	ppm	<b>3</b>	1	0	---
Potassium	ppm	<b>&lt;1</b>	0	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>151</b>	▲ 160	119	---
Copper	ppm	<b>9</b>	4	3	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>&lt;1</b>	0	2	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	0	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>103</b>	99	79	---
Magnesium	ppm	<b>&lt;1</b>	0	2	---
Zinc	ppm	<b>22</b>	5	8	---
Phosphorus	ppm	<b>228</b>	220	236	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>107</b>	101	114	---

**Depot:** WASTEL  
**Unique No:** 11033137  
**Signed:** Sean Felton  
**Report Date:** 20 May 2024

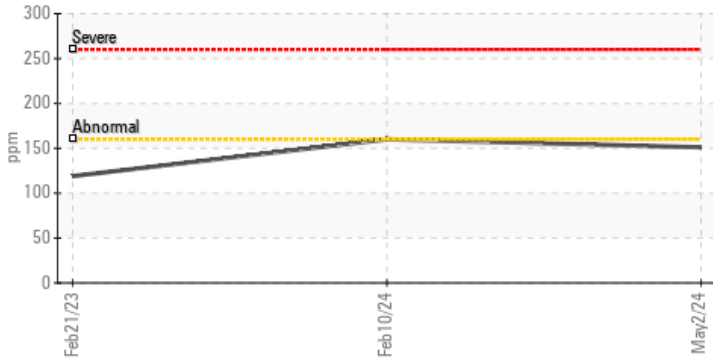


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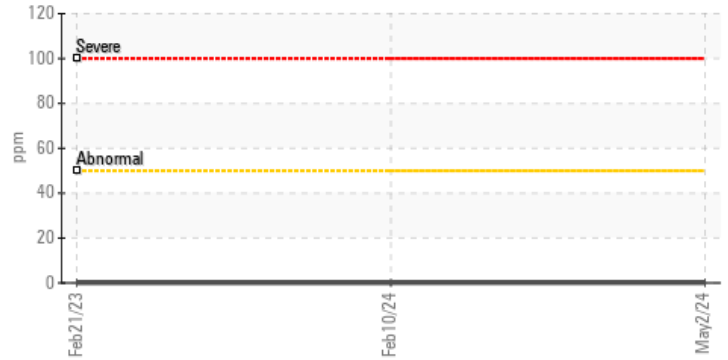


## GRAPHS

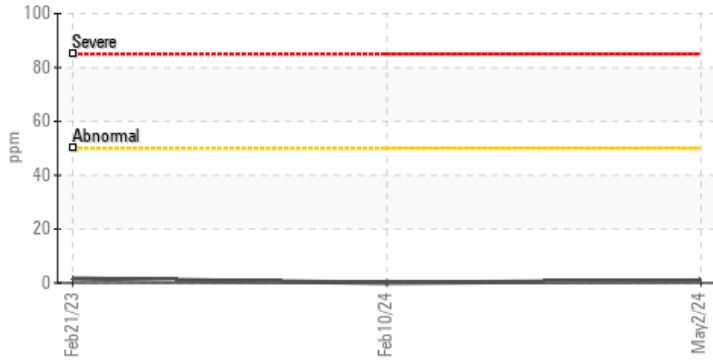
### Iron (ppm)



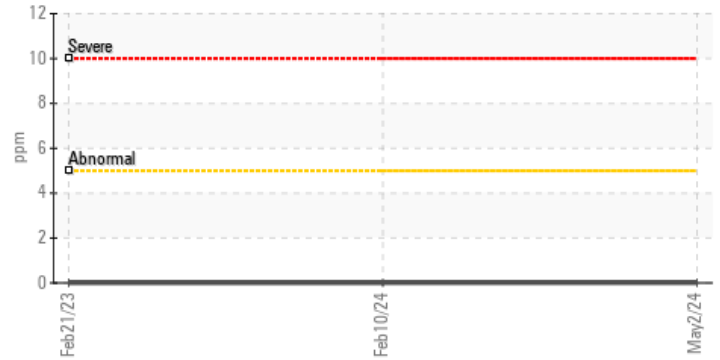
### Lead (ppm)



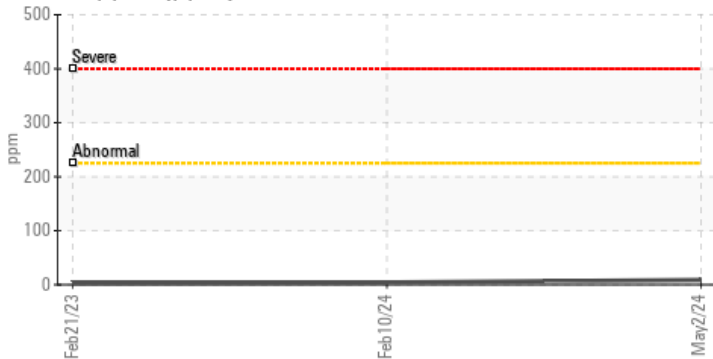
### Aluminum (ppm)



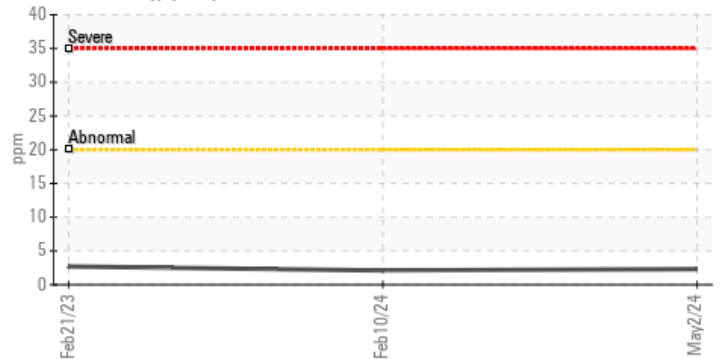
### Chromium (ppm)



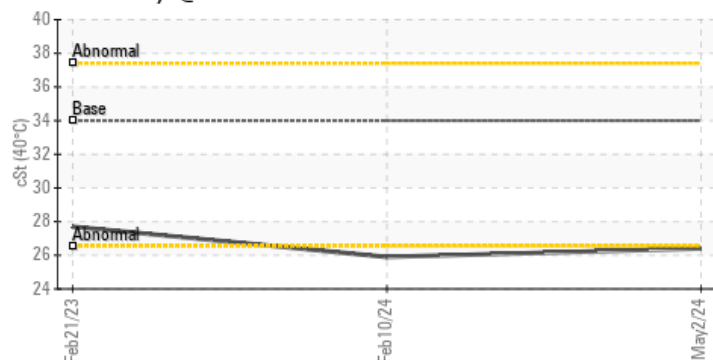
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

