



# CONSTRUCTION EQUIPMENT

W124645 VOLVO L180G 19305 - GEARBOX



**Sample No:** VCP288552  
**Oil Type:** VOLVO AXLE  
**Job No:** W124645



## SAMPLE INFORMATION

Sample Number	VCP288552	---	---	---
Sample Date	28 Sep 2020	---	---	---
Machine Hours	19955	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	40.3	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---



## WEAR METALS

Iron	ppm	17	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4317	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1692	---	---	---
Phosphorus	ppm	1438	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	130	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** COVJAM  
**Unique No:** 9205540  
**Signed:** Don Baldrige  
**Report Date:** 10 Oct 2020



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## GRAPHS

### Iron (ppm)



### Lead (ppm)



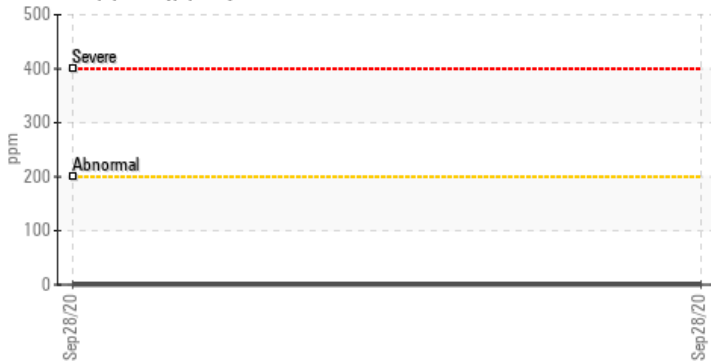
### Aluminum (ppm)



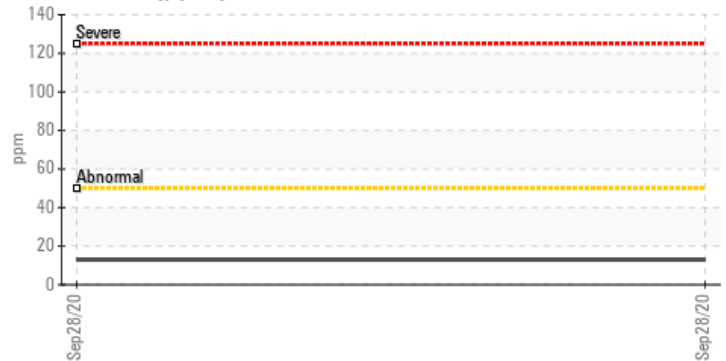
### Chromium (ppm)



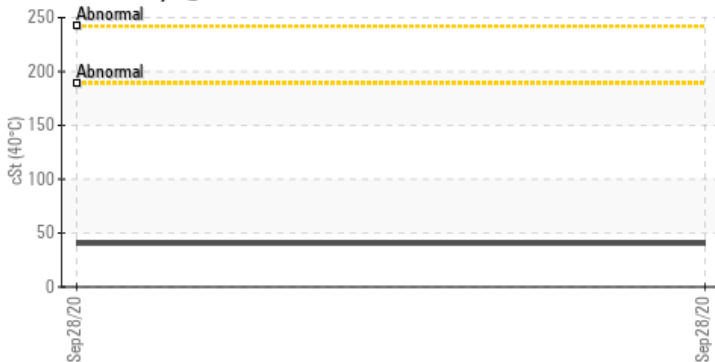
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

