



# CONSTRUCTION EQUIPMENT

3495BR VOLVO L180F 11639 - REAR AXLE



**Sample No:** VCP415277  
**Oil Type:** NOT GIVEN  
**Job No:** 3495BR



## SAMPLE INFORMATION

Sample Number	VCP415277	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	11979	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**HIGHWAY EQUIPMENT AND SUPPLY CO**  
 200 BURKHOLDER DR.  
 EPHRATA, PA  
 US 17522  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 49.5	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 40	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 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 oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 394	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	3329	---	---	---
Magnesium	ppm	27	---	---	---
Zinc	ppm	1325	---	---	---
Phosphorus	ppm	1129	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	103	---	---	---

**Depot:** INSEPH  
**Unique No:** 10635547  
**Signed:** Don Baldrige  
**Report Date:** 10 Sep 2023



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## GRAPHS

