



# CONSTRUCTION EQUIPMENT

## 5480 352150 - REAR AXLE



**Sample No:** VCP392986  
**Oil Type:** {unknown}  
**Job No:** 5480



### SAMPLE INFORMATION

Sample Number	VCP392986	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	5936	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

**GREAT WEST EQUIPMENT**  
 1600 KOSMINA ROAD, 123 L&A CROSS RD  
 VERNON, BC  
 CA V1T 8T2  
 Contact: Sarah Lawrence  
 slawrence@gwequipment.com  
 T: (866)627-2357  
 F: (250)549-3397



### OIL CONDITION

Visc @ 40°C	cSt	█ 127	---	---	---
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### CONTAMINATION

Water	%	▲ 0.291	---	---	---
Silicon	ppm	▲ 173	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 3	---	---	---



### WEAR METALS

Iron	ppm	█ 471	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 26	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	978	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	139	---	---	---

### Diagnosis

We advise that you check for the source of water entry. We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. There is a moderate concentration of water present in the oil. High concentration of dirt present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** MARVER  
**Unique No:** 5763844  
**Signed:** Kevin Marson  
**Report Date:** 24 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

