



# CONSTRUCTION EQUIPMENT

## 632605 - REAR AXLE



**Sample No:** VCP380262

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP380262   | --- | --- | --- |
| Sample Date   | 04 Apr 2024 | --- | --- | --- |
| Machine Hours | 12617       | --- | --- | --- |
| Oil Hours     | 1000        | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

### GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD  
 VERNON, BC  
 CA V1T 8T2  
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### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 39.1 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | ■ 11 | --- | --- | --- |
| Sodium    | ppm | ■ <1 | --- | --- | --- |
| Potassium | ppm | ■ <1 | --- | --- | --- |

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 70W80 Wet Brake Transaxle 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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ■ 16 | --- | --- | --- |
| Copper     | ppm | ■ <1 | --- | --- | --- |
| Lead       | ppm | ■ 0  | --- | --- | --- |
| Tin        | ppm | ■ <1 | --- | --- | --- |
| Aluminum   | ppm | ■ 1  | --- | --- | --- |
| Chromium   | ppm | ■ 0  | --- | --- | --- |
| Molybdenum | ppm | ■ 0  | --- | --- | --- |
| Nickel     | ppm | ■ 0  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | <1   | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ■ 4280 | --- | --- | --- |
| Magnesium  | ppm | ■ 14   | --- | --- | --- |
| Zinc       | ppm | ■ 1575 | --- | --- | --- |
| Phosphorus | ppm | ■ 1254 | --- | --- | --- |
| Barium     | ppm | ■ 0    | --- | --- | --- |
| Boron      | ppm | ■ 111  | --- | --- | --- |

**Depot:** MARVER  
**Unique No:** 5762855  
**Signed:** Wes Davis  
**Report Date:** 17 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

