



# CONSTRUCTION EQUIPMENT

E15324 VOLVO L30B 1836324 - REAR DIFFERENTIAL



**Sample No:** VCP383312  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** E15324



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP383312   | --- | --- | --- |
| Sample Date   | 01 May 2024 | --- | --- | --- |
| Machine Hours | 5956        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

### MCCAIN FOODS

319 RICHARDSON RD  
 EASTON, ME  
 US 04740  
 Contact: JEFFREY SAUCIER  
 jeffrey.saucier@mccain.com  
 T: (207)488-1399  
 F:



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 151 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 25 | --- | --- | --- |
| 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 (GENERIC) GEAR OIL SAE 80W90. Please confirm.  
 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 | █ 86 | --- | --- | --- |
| Copper     | ppm | █ <1 | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ 3  | --- | --- | --- |
| Chromium   | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 0  | --- | --- | --- |
| Nickel     | ppm | █ 0  | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ 2  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 19  | --- | --- | --- |
| Magnesium  | ppm | █ 2   | --- | --- | --- |
| Zinc       | ppm | █ 13  | --- | --- | --- |
| Phosphorus | ppm | █ 700 | --- | --- | --- |
| Barium     | ppm | █ <1  | --- | --- | --- |
| Boron      | ppm | █ 2   | --- | --- | --- |

**Depot:** MCCEASVC  
**Unique No:** 11059186  
**Signed:** Wes Davis  
**Report Date:** 03 Jun 2024



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## GRAPHS

