



# CONSTRUCTION EQUIPMENT

## SPM633629 WASTE MGMT VOLVO L30G 3224749 - REAR AXLE



**Sample No:** VCP429789  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM633629 WASTE MGMT



**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
 GARY, IN  
 US 46406  
 Contact: DAVE ENG  
 DAVE.ENG@ALTG.COM  
 T: (312)350-2560  
 F:



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP429789   | --- | --- | --- |
| Sample Date   | 10 Nov 2023 | --- | --- | --- |
| Machine Hours | 225         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | ATTENTION   | --- | --- | --- |



### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ▲ 167 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



### CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | --- | --- | --- |
| Silicon   | ppm | ■ 7 | --- | --- | --- |
| Sodium    | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ 1 | --- | --- | --- |



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ■ 15 | --- | --- | --- |
| Copper     | ppm | ■ <1 | --- | --- | --- |
| Lead       | ppm | ■ 0  | --- | --- | --- |
| Tin        | ppm | ■ 0  | --- | --- | --- |
| Aluminum   | ppm | ■ 2  | --- | --- | --- |
| Chromium   | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel     | ppm | ■ <1 | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | ■ 1  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | ▲ 118 | --- | --- | --- |
| Magnesium  | ppm | ■ 18  | --- | --- | --- |
| Zinc       | ppm | ▲ 53  | --- | --- | --- |
| Phosphorus | ppm | ▲ 885 | --- | --- | --- |
| Barium     | ppm | ■ 2   | --- | --- | --- |
| Boron      | ppm | ▲ 2   | --- | --- | --- |

### Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO8885  
**Unique No:** 10767319  
**Signed:** Sean Felton  
**Report Date:** 05 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

