



# CONSTRUCTION EQUIPMENT

SPM620711 VOLVO L70H 624047 - FRONT AXLE



**Sample No:** VCP425297  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SPM620711



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP425297   | --- | --- | --- |
| Sample Date   | 19 Oct 2023 | --- | --- | --- |
| Machine Hours | 1920        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 41.7 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 15 | --- | --- | --- |
| Sodium    | ppm | █ 5  | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

## 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 | █ 67 | --- | --- | --- |
| Copper     | ppm | █ <1 | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ 2  | --- | --- | --- |
| Chromium   | ppm | █ 1  | --- | --- | --- |
| Molybdenum | ppm | █ 0  | --- | --- | --- |
| Nickel     | ppm | █ <1 | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ 3  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 3445 | --- | --- | --- |
| Magnesium  | ppm | █ 23   | --- | --- | --- |
| Zinc       | ppm | █ 1573 | --- | --- | --- |
| Phosphorus | ppm | █ 1262 | --- | --- | --- |
| Barium     | ppm | █ 0    | --- | --- | --- |
| Boron      | ppm | █ 107  | --- | --- | --- |

**Depot:** VOLVO8885  
**Unique No:** 10713385  
**Signed:** Wes Davis  
**Report Date:** 27 Oct 2023



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## VOLVO GRAPHS

