



# CONSTRUCTION EQUIPMENT

SPM673900-10 VOLVO L110H 632636 - FRONT AXLE



**Sample No:** VCP441611  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** SPM673900-10



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP441611   | --- | --- | --- |
| Sample Date   | 16 Feb 2024 | --- | --- | --- |
| Machine Hours | 1818        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**ALTA EQUIPMENT COMPANY**  
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## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █41.2 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | --- | --- | --- |
| Silicon   | ppm | █31 | --- | --- | --- |
| Sodium    | ppm | █9  | --- | --- | --- |
| Potassium | ppm | █0  | --- | --- | --- |



## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █285 | --- | --- | --- |
| Copper     | ppm | █2   | --- | --- | --- |
| Lead       | ppm | █<1  | --- | --- | --- |
| Tin        | ppm | █<1  | --- | --- | --- |
| Aluminum   | ppm | █1   | --- | --- | --- |
| Chromium   | ppm | █6   | --- | --- | --- |
| Molybdenum | ppm | █13  | --- | --- | --- |
| Nickel     | ppm | █<1  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █12  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █3962 | --- | --- | --- |
| Magnesium  | ppm | █0    | --- | --- | --- |
| Zinc       | ppm | █1628 | --- | --- | --- |
| Phosphorus | ppm | █1358 | --- | --- | --- |
| Barium     | ppm | █0    | --- | --- | --- |
| Boron      | ppm | █130  | --- | --- | --- |

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. 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.

**Depot:** VOLVO0090  
**Unique No:** 10888029  
**Signed:** Wes Davis  
**Report Date:** 21 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

