



# CONSTRUCTION EQUIPMENT

323806 PRINCE VOLVO L90H 626547 - FRONT AXLE



**Sample No:** VCP417307  
**Oil Type:** VOLVO WB 102  
**Job No:** 323806 PRINCE



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
8418 PALM RIVER ROAD  
TAMPA, FL  
US 33619  
Contact: KENNY HANEY  
khaney@flaglerce.com  
T: (813)630-0077  
F: (813)630-2233



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP417307   | --- | --- | --- |
| Sample Date   | 01 Aug 2023 | --- | --- | --- |
| Machine Hours | 1131        | --- | --- | --- |
| Oil Hours     | 1131        | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 40.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 16 | --- | --- | --- |
| Sodium    | ppm | █ 6  | --- | --- | --- |
| Potassium | ppm | █ 2  | --- | --- | --- |



## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 53 | --- | --- | --- |
| Copper     | ppm | █ <1 | --- | --- | --- |
| Lead       | ppm | █ <1 | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ 2  | --- | --- | --- |
| Chromium   | ppm | █ 3  | --- | --- | --- |
| Molybdenum | ppm | █ 15 | --- | --- | --- |
| Nickel     | ppm | █ <1 | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ 9  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 3964 | --- | --- | --- |
| Magnesium  | ppm | █ 11   | --- | --- | --- |
| Zinc       | ppm | █ 1620 | --- | --- | --- |
| Phosphorus | ppm | █ 1343 | --- | --- | --- |
| Barium     | ppm | █ 1    | --- | --- | --- |
| Boron      | ppm | █ 148  | --- | --- | --- |

## 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.

**Depot:** VOLVO0093  
**Unique No:** 10602498  
**Signed:** Wes Davis  
**Report Date:** 13 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

