



# CONSTRUCTION EQUIPMENT

EMPEREUR CONSTRUCTION 405111 VOLVO L330F 62215 - TRANSMISSION



**Sample No:** VCP448105  
**Oil Type:** IRVING TD-10  
**Job No:** 405111



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP448105   | --- | --- | --- |
| Sample Date   | 17 May 2024 | --- | --- | --- |
| Machine Hours | 1990        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

## STRONGCO EQUIPMENT

54 IBER ROAD  
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## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 46.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 12 | --- | --- | --- |
| Sodium    | ppm | █ 2  | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Test for glycol is negative. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 30  | --- | --- | --- |
| Copper     | ppm | █ 247 | --- | --- | --- |
| Lead       | ppm | █ 6   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 2   | --- | --- | --- |
| Chromium   | ppm | █ 0   | --- | --- | --- |
| Molybdenum | ppm | 0     | --- | --- | --- |
| Nickel     | ppm | █ <1  | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | 1     | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Calcium    | ppm | 2305 | --- | --- | --- |
| Magnesium  | ppm | 47   | --- | --- | --- |
| Zinc       | ppm | 958  | --- | --- | --- |
| Phosphorus | ppm | 833  | --- | --- | --- |
| Barium     | ppm | <1   | --- | --- | --- |
| Boron      | ppm | 55   | --- | --- | --- |

**Depot:** SHESTI  
**Unique No:** 5788371  
**Signed:** Kevin Marson  
**Report Date:** 03 Jun 2024



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## GRAPHS

