



# CONSTRUCTION EQUIPMENT

HERC RENTALS VOLVO L70H 624844 - TRANSMISSION



**Sample No:** VCP425008  
**Oil Type:** NOT GIVEN  
**Job No:** HERC RENTALS



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## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP425008   | --- | --- | --- |
| Sample Date   | 24 Aug 2023 | --- | --- | --- |
| Machine Hours | 761         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 28.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | ■ 10 | --- | --- | --- |
| Sodium    | ppm | ■ 5  | --- | --- | --- |
| Potassium | ppm | ■ 2  | --- | --- | --- |



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ▲ 124 | --- | --- | --- |
| Copper     | ppm | ■ 8   | --- | --- | --- |
| Lead       | ppm | ■ 0   | --- | --- | --- |
| Tin        | ppm | ■ 0   | --- | --- | --- |
| Aluminum   | ppm | ■ 2   | --- | --- | --- |
| Chromium   | ppm | ■ <1  | --- | --- | --- |
| Molybdenum | ppm | 2     | --- | --- | --- |
| Nickel     | ppm | ■ <1  | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | 9     | --- | --- | --- |
| Vanadium   | ppm | <1    | --- | --- | --- |



## ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 115 | --- | --- | --- |
| Magnesium  | ppm | 0   | --- | --- | --- |
| Zinc       | ppm | 24  | --- | --- | --- |
| Phosphorus | ppm | 219 | --- | --- | --- |
| Barium     | ppm | 0   | --- | --- | --- |
| Boron      | ppm | 69  | --- | --- | --- |

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10655661  
**Signed:** Sean Felton  
**Report Date:** 20 Sep 2023

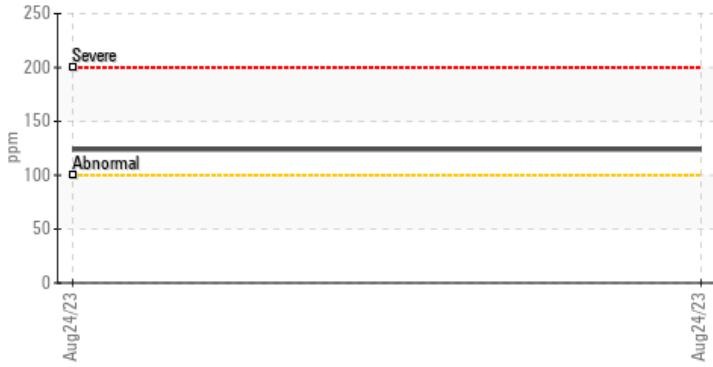


# CONSTRUCTION EQUIPMENT



## GRAPHS

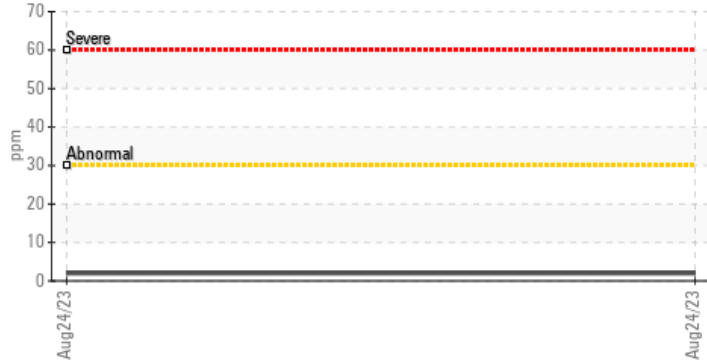
### ▲ Iron (ppm)



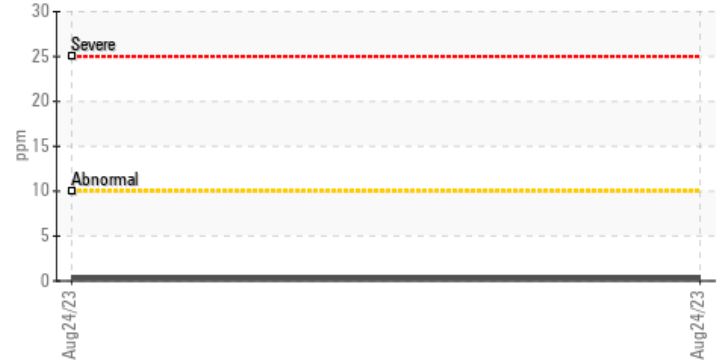
### Lead (ppm)



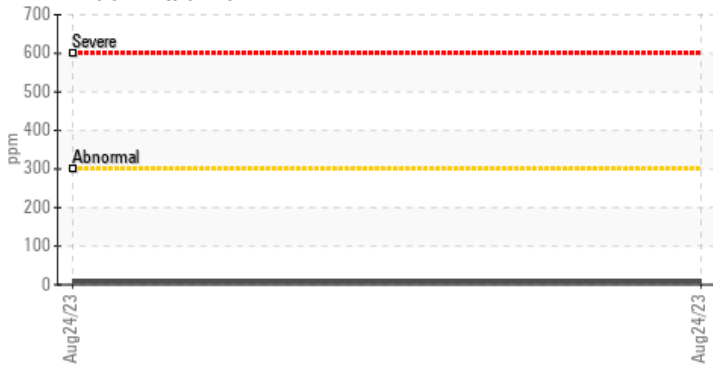
### Aluminum (ppm)



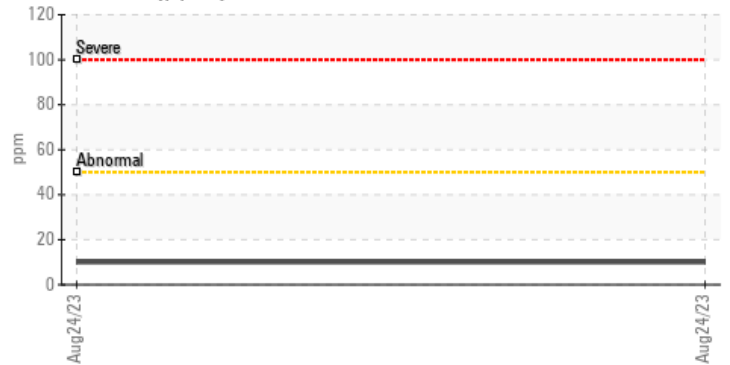
### Chromium (ppm)



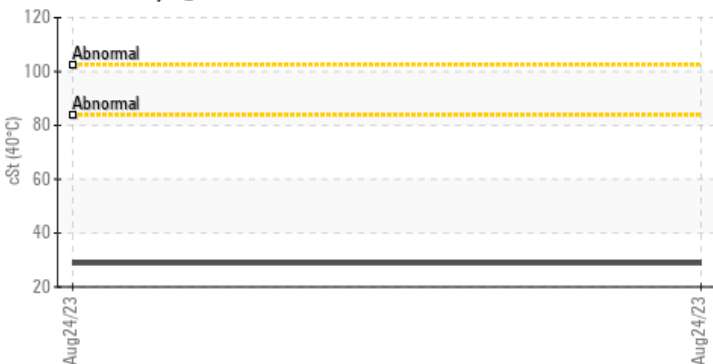
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

