



# CONSTRUCTION EQUIPMENT

W07014112 VOLVO L220H 3091 - TRANSMISSION (AUTO)



Sample No: VCP447958

Oil Type: {unknown}

Job No: W07014112



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP447958   | --- | --- | --- |
| Sample Date   | 10 Jan 2024 | --- | --- | --- |
| Machine Hours | 11633       | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | SEVERE      | --- | --- | --- |



### MORGAN LUMBER

628 JEB STUART HWY

RED OAK, VA

US 23964

Contact: Service Manager



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 24.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

T:

F:



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 21 | --- | --- | --- |
| Sodium    | ppm | █ 2  | --- | --- | --- |
| Potassium | ppm | █ 3  | --- | --- | --- |

## Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ● 719 | --- | --- | --- |
| Copper     | ppm | █ 16  | --- | --- | --- |
| Lead       | ppm | █ 0   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 6   | --- | --- | --- |
| Chromium   | ppm | █ 5   | --- | --- | --- |
| Molybdenum | ppm | 0     | --- | --- | --- |
| Nickel     | ppm | █ <1  | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | █ 0   | --- | --- | --- |
| Manganese  | ppm | 15    | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 90  | --- | --- | --- |
| Magnesium  | ppm | 1   | --- | --- | --- |
| Zinc       | ppm | 0   | --- | --- | --- |
| Phosphorus | ppm | 225 | --- | --- | --- |
| Barium     | ppm | 6   | --- | --- | --- |
| Boron      | ppm | 44  | --- | --- | --- |

Depot: MORREDVA

Unique No: 10834616

Signed: Don Baldrige

Report Date: 19 Jan 2024



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## VOLVO GRAPHS

