



# CONSTRUCTION EQUIPMENT

9500 KENT NARROWS BO WIGGINS W3.2 M2-150-45 190021 - TRANSMISSION



**Sample No:** VCP416471  
**Oil Type:** CHEVRON 1000 THF  
**Job No:** 9500 KENT NARROWS BO



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP416471   | --- | --- | --- |
| Sample Date   | 06 Sep 2023 | --- | --- | --- |
| Machine Hours | 3401        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |

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## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 40.9 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Silicon   | ppm | █ 7 | --- | --- | --- |
| Sodium    | ppm | █ 6 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

## Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. 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 | █ 6   | --- | --- | --- |
| Copper     | ppm | ▲ 319 | --- | --- | --- |
| Lead       | ppm | ▲ 56  | --- | --- | --- |
| Tin        | ppm | █ <1  | --- | --- | --- |
| Aluminum   | ppm | █ <1  | --- | --- | --- |
| Chromium   | ppm | █ 0   | --- | --- | --- |
| Molybdenum | ppm | █ <1  | --- | --- | --- |
| Nickel     | ppm | 0     | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ <1  | --- | --- | --- |
| Vanadium   | ppm | <1    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 2962 | --- | --- | --- |
| Magnesium  | ppm | █ 10   | --- | --- | --- |
| Zinc       | ppm | █ 1305 | --- | --- | --- |
| Phosphorus | ppm | █ 906  | --- | --- | --- |
| Barium     | ppm | █ 0    | --- | --- | --- |
| Boron      | ppm | 121    | --- | --- | --- |

**Depot:** VOLVO0150  
**Unique No:** 10642753  
**Signed:** Don Baldrige  
**Report Date:** 13 Sep 2023



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## VOLVO GRAPHS

