



# CONSTRUCTION EQUIPMENT

W07013009 SHADE TREE AVANT 420 751891450 - DIESEL FUEL



**Sample No:** VCP418009  
**Oil Type:** NOT GIVEN  
**Job No:** W07013009 SHADE TREE



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP418009   | --- | --- | --- |
| Sample Date   | 14 Jul 2023 | --- | --- | --- |
| Machine Hours | 1435        | --- | --- | --- |
| Sample Status | SEVERE      | --- | --- | --- |

**McClung-Logan Virginia LLC- RICHMOND**  
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## FUEL CONDITION

|             |     |      |     |     |     |
|-------------|-----|------|-----|-----|-----|
| Sulfur      | ppm | 0    | --- | --- | --- |
| Visc @ 40°C | cSt | 2.46 | --- | --- | --- |



## CONTAMINATION

|          |     |       |     |     |     |
|----------|-----|-------|-----|-----|-----|
| Water    | %   | 0.012 | --- | --- | --- |
| Lead     | ppm | 0     | --- | --- | --- |
| Nickel   | ppm | 0     | --- | --- | --- |
| Aluminum | ppm | <1    | --- | --- | --- |
| Vanadium | ppm | <1    | --- | --- | --- |
| Silicon  | ppm | 0     | --- | --- | --- |

## Diagnosis

We advise that you follow the water drain-off procedure for this component, and use off-line filtration to improve the cleanliness of the system fluid. We recommend you service and check the fuel filters for mucous-like deposits. Check with fuel supplier for biocides available to destroy the microorganisms in the fuel system. All metal levels are normal indicating no corrosion in the system. Excessive free water present. Moderate concentration of visible dirt/debris present in the fuel. Possible bacteria or fungus (yeast and/or mold) indicated in the sample. The fuel is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO8882  
**Unique No:** 10564055  
**Signed:** Doug Bogart  
**Report Date:** 26 Jul 2023



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## GRAPHS

Pensky-Martens Flash Point (°C)

