# **OIL ANALYSIS REPORT**

# MEENA BARSOUM 11446 MC KOHLER 337XGH6J0017 - GENSET

**Sample No:** VPA05974792

Oil Type: SHELL ROTELLA T4 15W40

### SAMPLE INFORMATION

| Sample Number    |          | VPA05974792 | <br> |  |
|------------------|----------|-------------|------|--|
| Sample Date      |          | 04 Oct 2023 | <br> |  |
| Machine Hours    |          | 0           | <br> |  |
| Oil Hours        |          | 0           | <br> |  |
| Oil Changed      |          | Not Changd  | <br> |  |
| Sample Status    |          | NORMAL      | <br> |  |
|                  |          |             |      |  |
| OIL CONDITION    |          |             |      |  |
| Visc @ 100°C     | cSt      | 14.2        | <br> |  |
| Base Number (BN) | mg KOH/g | 8.8         | <br> |  |
| Oxidation (PA)   | %        | 65          | <br> |  |
|                  |          |             |      |  |
| CONTAMINATION    |          |             |      |  |
| Soot %           | %        | 0.4         | <br> |  |
| Nitration (PA)   | %        | 58          | <br> |  |
| Sulfation (PA)   | %        | 57          | <br> |  |
| Glycol           | %        | NEG         | <br> |  |
| Fuel             | %        | <1.0        | <br> |  |
| Silicon          | ppm      | 7           | <br> |  |
| Sodium           | ppm      | 2           | <br> |  |
| Potassium        | ppm      | <b>6</b>    | <br> |  |
|                  |          |             |      |  |

#### WEAR METALS

| Iron       | ppm | 18           | <br> |  |
|------------|-----|--------------|------|--|
| Copper     | ppm | 63           | <br> |  |
| Lead       | ppm | ∎1           | <br> |  |
| Tin        | ppm | ■<1          | <br> |  |
| Aluminum   | ppm | 2            | <br> |  |
| Chromium   | ppm | <b>  </b> <1 | <br> |  |
| Molybdenum | ppm | <b>16</b>    | <br> |  |
| Nickel     | ppm | 2            | <br> |  |
| Titanium   | ppm | 0            | <br> |  |
| Silver     | ppm | <b>  </b> <1 | <br> |  |
| Manganese  | ppm | <b>1</b>     | <br> |  |
| Vanadium   | ppm | <1           | <br> |  |

### ADDITIVES

| Calcium    | ppm | <b>1912</b> | <br> |  |
|------------|-----|-------------|------|--|
| Magnesium  | ppm | 211         | <br> |  |
| Zinc       | ppm | 🔲 1199      | <br> |  |
| Phosphorus | ppm | <b>1019</b> | <br> |  |
| Barium     | ppm | 0           | <br> |  |
| Boron      | ppm | <b>130</b>  | <br> |  |

#### **BAY MARINE**

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: NANCY FELHOFER NANCY.FELHOFER@BAYMARINE.NET T: E:

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP1174336

 Unique No:
 10686742

 Signed:
 Angela Borella

 Report Date:
 12 Oct 2023

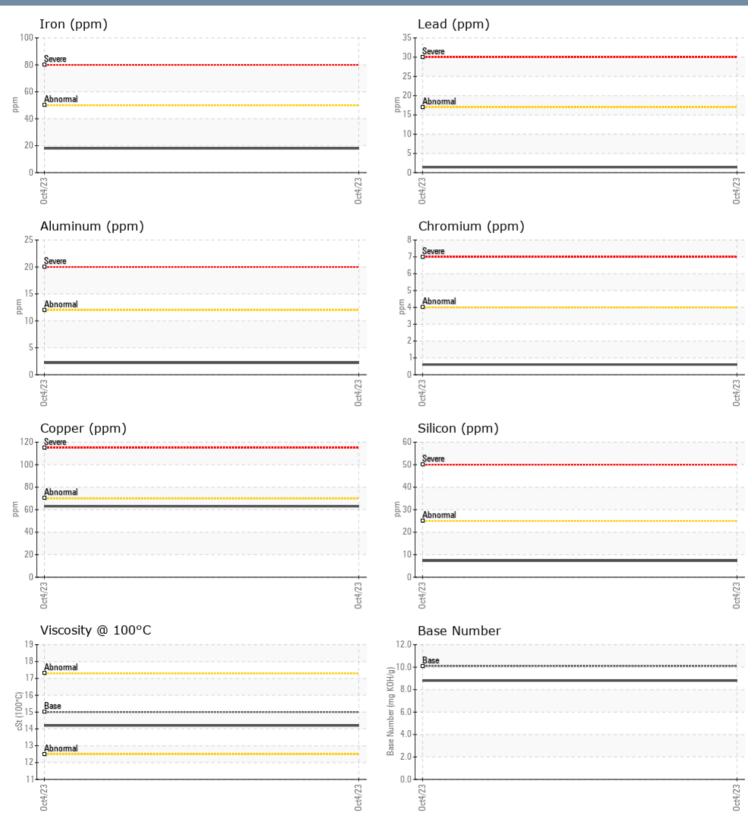
Contact/Location: NANCY FELHOFER - VP1174336



# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: NANCY FELHOFER - VP1174336