

# OIL ANALYSIS REPORT

# VOLVO PENTA

**GOSLEE GREG ELLIS VOLVO PENTA 3940024134 - PORT IPS**

**Sample No:** VPA059836

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA059836   | --- | --- | --- |
| Sample Date   | 26 Oct 2023 | --- | --- | --- |
| Machine Hours | 1444        | --- | --- | --- |
| Oil Hours     | 200         | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | ATTENTION   | --- | --- | --- |

### Galati Yacht Sales LLC

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F:

## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 98.2 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | ■ 18 | --- | --- | --- |
| Sodium    | ppm | ■ 16 | --- | --- | --- |
| Potassium | ppm | ■ <1 | --- | --- | --- |

## Diagnosis

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

## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| PQ         |     | ■ 16  | --- | --- | --- |
| Iron       | ppm | ▲ 367 | --- | --- | --- |
| Copper     | ppm | ■ 26  | --- | --- | --- |
| Lead       | ppm | ■ 0   | --- | --- | --- |
| Tin        | ppm | ■ 0   | --- | --- | --- |
| Aluminum   | ppm | ■ 3   | --- | --- | --- |
| Chromium   | ppm | ■ 3   | --- | --- | --- |
| Molybdenum | ppm | ■ 0   | --- | --- | --- |
| Nickel     | ppm | ■ 3   | --- | --- | --- |
| Titanium   | ppm | ■ 0   | --- | --- | --- |
| Silver     | ppm | ■ 0   | --- | --- | --- |
| Manganese  | ppm | ■ 5   | --- | --- | --- |
| Vanadium   | ppm | ■ 0   | --- | --- | --- |

## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ■ 15   | --- | --- | --- |
| Magnesium  | ppm | ■ 22   | --- | --- | --- |
| Zinc       | ppm | ■ 16   | --- | --- | --- |
| Phosphorus | ppm | ■ 1286 | --- | --- | --- |
| Barium     | ppm | ■ 0    | --- | --- | --- |
| Boron      | ppm | ■ 231  | --- | --- | --- |

**Depot:** VP648685  
**Unique No:** 10715858  
**Signed:** Don Baldrige  
**Report Date:** 01 Nov 2023

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## GRAPHS

