

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MICHAEL RECHITSKY 467995 VOLVO PENTA 3194012791 - STARBOARD IPS**

**Sample No:** VPA060093

**Oil Type:** {unknown}

## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA060093   | --- | --- | --- |
| Sample Date   | 12 Jan 2024 | --- | --- | --- |
| Machine Hours | 0           | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

### Skipper Bud's

215 North Point Drive, 215 North Point Drive  
WINTHROP HARBOR, IL  
US 60096  
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T:  
F:

## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 90.5 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | 4    | --- | --- | --- |
| Sodium    | ppm | ■ <1 | --- | --- | --- |
| Potassium | ppm | ■ <1 | --- | --- | --- |

## 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 condition of the oil is acceptable for the time in service.

## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| PQ         |     | ■ 13 | --- | --- | --- |
| Iron       | ppm | ■ 13 | --- | --- | --- |
| Copper     | ppm | 3    | --- | --- | --- |
| Lead       | ppm | 0    | --- | --- | --- |
| Tin        | ppm | 0    | --- | --- | --- |
| Aluminum   | ppm | 0    | --- | --- | --- |
| Chromium   | ppm | ■ 0  | --- | --- | --- |
| Molybdenum | ppm | 0    | --- | --- | --- |
| Nickel     | ppm | ■ 0  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | 0    | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |

## ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 9   | --- | --- | --- |
| Magnesium  | ppm | 6   | --- | --- | --- |
| Zinc       | ppm | 3   | --- | --- | --- |
| Phosphorus | ppm | 435 | --- | --- | --- |
| Barium     | ppm | 0   | --- | --- | --- |
| Boron      | ppm | 32  | --- | --- | --- |

**Depot:** VP211714  
**Unique No:** 10835294  
**Signed:** Don Baldrige  
**Report Date:** 20 Jan 2024

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## GRAPHS

