

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BEKERIAN VOLVO PENTA 701129014 - PORT GEARBOX

Sample No: VPA059775

Oil Type: {unknown}

### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA059775   | --- | --- | --- |
| Sample Date   | 29 Feb 2024 | --- | --- | --- |
| Machine Hours | 0           | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 94.5 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

### CONTAMINATION

|           |     |       |     |     |     |
|-----------|-----|-------|-----|-----|-----|
| Water     | %   | ■ NEG | --- | --- | --- |
| Silicon   | ppm | ■ 5   | --- | --- | --- |
| Sodium    | ppm | ■ 1   | --- | --- | --- |
| Potassium | ppm | ■ 0   | --- | --- | --- |

### 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         |     | ■ 16 | --- | --- | --- |
| Iron       | ppm | ■ 4  | --- | --- | --- |
| Copper     | ppm | ■ 2  | --- | --- | --- |
| Lead       | ppm | ■ 0  | --- | --- | --- |
| Tin        | ppm | ■ 0  | --- | --- | --- |
| Aluminium  | ppm | ■ <1 | --- | --- | --- |
| Chromium   | ppm | ■ 0  | --- | --- | --- |
| Molybdenum | ppm | ■ 52 | --- | --- | --- |
| Nickel     | ppm | ■ 0  | --- | --- | --- |
| Titanium   | ppm | ■ <1 | --- | --- | --- |
| Silver     | ppm | ■ 0  | --- | --- | --- |
| Manganese  | ppm | ■ 0  | --- | --- | --- |
| Vanadium   | ppm | ■ <1 | --- | --- | --- |

### ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ■ 1158 | --- | --- | --- |
| Magnesium  | ppm | ■ 970  | --- | --- | --- |
| Zinc       | ppm | ■ 1166 | --- | --- | --- |
| Phosphorus | ppm | ■ 971  | --- | --- | --- |
| Barium     | ppm | ■ 0    | --- | --- | --- |
| Boron      | ppm | ■ 18   | --- | --- | --- |

Depot: VP867279

Unique No: 10915214

Signed: Don Baldrige

Report Date: 10 Mar 2024

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## GRAPHS

