

OIL ANALYSIS REPORT

VOLVO PENTA

SWOPE 460-199 PIG VOLVO PENTA 3200004124 - PORT IPS

Sample No: VPA057082

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA057082 | --- | --- | --- |
| Sample Date | 13 Dec 2023 | --- | --- | --- |
| Machine Hours | 152 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

Outstanding Marine

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US 21635
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T:
F:

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 93.7 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 8 | --- | --- | --- |
| Sodium | ppm | ■ 3 | --- | --- | --- |
| Potassium | ppm | ■ 7 | --- | --- | --- |

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 | ■ 45 | --- | --- | --- |
| Copper | ppm | ■ 13 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | 1 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 4 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 39 | --- | --- | --- |
| Magnesium | ppm | 941 | --- | --- | --- |
| Zinc | ppm | 0 | --- | --- | --- |
| Phosphorus | ppm | 1555 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 552 | --- | --- | --- |

Depot: VP153685
Unique No: 10816491
Signed: Angela Borella
Report Date: 04 Jan 2024

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GRAPHS

