

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI TRANS BAY CABLE VOLVO PENTA 310000 - STERNDRIVE - PORT GEARBOX

Sample No: VPA053166

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA053166 | --- | --- | --- |
| Sample Date | 26 Apr 2024 | --- | --- | --- |
| Machine Hours | 50 | --- | --- | --- |
| Oil Hours | 50 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

Helmut's Marine Service

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T: x:

F: x:

OIL CONDITION

| | | | | | |
|-------------|-----|---------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 95.34 | --- | --- | --- |
|-------------|-----|---------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ■ 0.167 | --- | --- | --- |
| Silicon | ppm | ■ 6 | --- | --- | --- |
| Sodium | ppm | ■ 6 | --- | --- | --- |
| Potassium | ppm | ■ 17 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 27 | --- | --- | --- |
| Iron | ppm | ■ 60 | --- | --- | --- |
| Copper | ppm | ■ 3 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminum | ppm | ■ 2 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 1 | --- | --- | --- |
| Nickel | ppm | ■ 1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 10 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 104 | --- | --- | --- |
| Magnesium | ppm | ■ 952 | --- | --- | --- |
| Zinc | ppm | ■ 23 | --- | --- | --- |
| Phosphorus | ppm | ■ 1476 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 626 | --- | --- | --- |

Depot: VP152741

Unique No: 11019144

Signed: Doug Bogart

Report Date: 08 May 2024

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GRAPHS

