

OIL ANALYSIS REPORT

VOLVO PENTA

RESOLUTE VOLVO PENTA 3940018906 - PORT IPS

Sample No: VPA058278

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA058278 | --- | --- | --- |
| Sample Date | 14 Nov 2023 | --- | --- | --- |
| Machine Hours | 700 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

MYRIAD MARINE

2 CIVIC CENTER DR, SUITE 4112
SAN RAFAEL, CA
US 94903
Contact: SEAN CORBETT
sean@myriadmarine.com

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F:

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 107 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 12 | --- | --- | --- |
| Sodium | ppm | █ 19 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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 | | █ 25 | --- | --- | --- |
| Iron | ppm | ▲ 208 | --- | --- | --- |
| Copper | ppm | █ 16 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 3 | --- | --- | --- |
| Chromium | ppm | █ 2 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 3 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 7 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 9 | --- | --- | --- |
| Magnesium | ppm | █ 7 | --- | --- | --- |
| Zinc | ppm | █ 31 | --- | --- | --- |
| Phosphorus | ppm | █ 1377 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 260 | --- | --- | --- |

Depot: VPMYRSAN
Unique No: 10753430
Signed: Don Baldrige
Report Date: 24 Nov 2023

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GRAPHS

