

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950011698 - STARBOARD IPS

Sample No: VPA055325

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA055325 | --- | --- | --- |
| Sample Date | 18 Jan 2024 | --- | --- | --- |
| Machine Hours | 18 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: JOSHUA
joshua@suncoastdmi.com
T: (941)342-0033
F: (941)342-0088

OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 105 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 6 | --- | --- | --- |
| Sodium | ppm | █ 6 | --- | --- | --- |
| Potassium | ppm | █ 8 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | █ 20 | --- | --- | --- |
| Iron | ppm | █ 17 | --- | --- | --- |
| Copper | ppm | 2 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | <1 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 5 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 33 | --- | --- | --- |
| Magnesium | ppm | █ 826 | --- | --- | --- |
| Zinc | ppm | █ 7 | --- | --- | --- |
| Phosphorus | ppm | █ 1374 | --- | --- | --- |
| Barium | ppm | █ 1 | --- | --- | --- |
| Boron | ppm | █ 574 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 10848636
Signed: Jonathan Hester
Report Date: 30 Jan 2024

OIL ANALYSIS REPORT



GRAPHS

