

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940016940 - STARBOARD IPS

Sample No: VPA056110

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA056110 | --- | --- | --- |
| Sample Date | 26 Jul 2023 | --- | --- | --- |
| Machine Hours | 438 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

SUNCOAST DIESEL MARINE

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

OIL CONDITION

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

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 10 | --- | --- | --- |
| Sodium | ppm | ■ 8 | --- | --- | --- |
| Potassium | ppm | ■ 4 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | ■ 17 | --- | --- | --- |
| Iron | ppm | ■ 27 | --- | --- | --- |
| Copper | ppm | ■ 8 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 6 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | ■ 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ 3 | --- | --- | --- |
| Vanadium | ppm | ■ <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ■ 8 | --- | --- | --- |
| Magnesium | ppm | ■ 24 | --- | --- | --- |
| Zinc | ppm | ■ 2 | --- | --- | --- |
| Phosphorus | ppm | ■ 1413 | --- | --- | --- |
| Barium | ppm | ■ 4 | --- | --- | --- |
| Boron | ppm | ■ 321 | --- | --- | --- |

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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 10577284
Signed: Doug Bogart
Report Date: 31 Jul 2023

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GRAPHS

