

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950005360 - STARBOARD IPS

Sample No: VPA028095

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA028095 | --- | --- | --- |
| Sample Date | 13 Dec 2023 | --- | --- | --- |
| Machine Hours | 303 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Changd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

Diesel Services of America, Inc.
2501 West State Road 84
FORT LAUDERDALE, FL
US 33312
Contact: Dan Rosas
dan@dieselservicesofamerica.com
T:
F:

OIL CONDITION

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

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 6 | --- | --- | --- |
| Sodium | ppm | ■ 14 | --- | --- | --- |
| Potassium | ppm | ■ 2 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ■ 16 | --- | --- | --- |
| Iron | ppm | ▲ 425 | --- | --- | --- |
| Copper | ppm | ■ 25 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | ■ 13 | --- | --- | --- |
| Chromium | ppm | ■ 2 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | ■ 3 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 6 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 12 | --- | --- | --- |
| Magnesium | ppm | 4 | --- | --- | --- |
| Zinc | ppm | 158 | --- | --- | --- |
| Phosphorus | ppm | 1394 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 218 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP509836
Unique No: 10793359
Signed: Don Baldrige
Report Date: 20 Dec 2023

OIL ANALYSIS REPORT

GRAPHS

