

OIL ANALYSIS REPORT



MYRICK 460-27 JAY VOLVO PENTA 3940022380 - PORT IPS

Sample No: VPA021868
Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VPA021868 | VPA020874 | --- | --- |
| Sample Date | 12 Dec 2023 | 03 Mar 2020 | --- | --- |
| Machine Hours | 349 | 94 | --- | --- |
| Oil Hours | 0 | 94 | --- | --- |
| Oil Changed | N/A | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

Outstanding Marine
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 US 21635
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 T:
 F:

OIL CONDITION

| | | | | | |
|-------------|-----|-------|------|-----|-----|
| Visc @ 40°C | cSt | █ 106 | 93.1 | --- | --- |
|-------------|-----|-------|------|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 11 | 16 | --- | --- |
| Sodium | ppm | █ <1 | █ 4 | --- | --- |
| Potassium | ppm | █ 0 | █ 5 | --- | --- |

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.

WEAR METALS

| | | | | | |
|------------|-----|------|------|-----|-----|
| PQ | | █ 15 | █ 15 | --- | --- |
| Iron | ppm | █ 32 | █ 34 | --- | --- |
| Copper | ppm | 8 | 8 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | <1 | 1 | --- | --- |
| Chromium | ppm | █ <1 | █ <1 | --- | --- |
| Molybdenum | ppm | █ 0 | █ 1 | --- | --- |
| Nickel | ppm | █ <1 | █ <1 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ 1 | █ 3 | --- | --- |
| Vanadium | ppm | <1 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|--------|-----|-----|
| Calcium | ppm | █ 0 | █ 24 | --- | --- |
| Magnesium | ppm | █ 0 | █ 992 | --- | --- |
| Zinc | ppm | █ 0 | █ 11 | --- | --- |
| Phosphorus | ppm | █ 1316 | █ 1558 | --- | --- |
| Barium | ppm | █ 0 | █ 0 | --- | --- |
| Boron | ppm | █ 307 | █ 539 | --- | --- |

Depot: VP153685
Unique No: 10816481
Signed: Doug Bogart
Report Date: 04 Jan 2024

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**VOLVO
PENTA**

GRAPHS

