

OIL ANALYSIS REPORT

VOLVO PENTA

BARRY SCHULER VOLVO PENTA 7011329119 - PORT IPS

Sample No: VPA029928
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VPA029928 | VPA021437 | --- | --- |
| Sample Date | 13 Nov 2023 | 01 Nov 2022 | --- | --- |
| Machine Hours | 0 | 0 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Changd | N/A | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

STRONGS YACHT CENTER

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 107 | █ 112 | --- | --- |
|-------------|-----|-------|-------|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 2 | 2 | --- | --- |
| Sodium | ppm | █ 0 | █ 4 | --- | --- |
| Potassium | ppm | █ 2 | █ 6 | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | █ 13 | █ 9 | --- | --- |
| Iron | ppm | █ 7 | █ 9 | --- | --- |
| Copper | ppm | 7 | <1 | --- | --- |
| Lead | ppm | <1 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 3 | 0 | --- | --- |
| Chromium | ppm | █ <1 | █ 0 | --- | --- |
| Molybdenum | ppm | █ 0 | █ 0 | --- | --- |
| Nickel | ppm | █ 0 | █ 0 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | <1 | 1 | --- | --- |
| Manganese | ppm | █ 0 | █ 1 | --- | --- |
| Vanadium | ppm | <1 | 0 | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-------|-----|-----|
| Calcium | ppm | █ 2 | █ 0 | --- | --- |
| Magnesium | ppm | █ 6 | █ 5 | --- | --- |
| Zinc | ppm | █ 8 | █ 3 | --- | --- |
| Phosphorus | ppm | █ 1336 | █ 907 | --- | --- |
| Barium | ppm | █ 16 | █ 0 | --- | --- |
| Boron | ppm | █ 390 | █ 228 | --- | --- |

Diagnosis

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: VP1126820
Unique No: 10749505
Signed: Sean Felton
Report Date: 28 Nov 2023

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GRAPHS

