

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES REED JR VOLVO PENTA 3950005220 - PORT IPS

Sample No: VPA051840

Oil Type: VOLVO

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA051840 | --- | --- | --- |
| Sample Date | 17 Nov 2023 | --- | --- | --- |
| Machine Hours | 516 | --- | --- | --- |
| Oil Hours | 15 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

ONE WATER YACHT

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 104 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 5 | --- | --- | --- |
| Sodium | ppm | ■ 47 | --- | --- | --- |
| Potassium | ppm | ■ 3 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ■ 15 | --- | --- | --- |
| Iron | ppm | ■ 167 | --- | --- | --- |
| Copper | ppm | ■ 23 | --- | --- | --- |
| Lead | ppm | 1 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminium | ppm | ■ 20 | --- | --- | --- |
| Chromium | ppm | ■ 1 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | ■ 3 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 4 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 6 | --- | --- | --- |
| Magnesium | ppm | 18 | --- | --- | --- |
| Zinc | ppm | 211 | --- | --- | --- |
| Phosphorus | ppm | 1379 | --- | --- | --- |
| Barium | ppm | <1 | --- | --- | --- |
| Boron | ppm | 239 | --- | --- | --- |

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: VP1134827

Unique No: 10765206

Signed: Don Baldrige

Report Date: 02 Dec 2023

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GRAPHS

