

OIL ANALYSIS REPORT

VOLVO PENTA

WARREN MERRILL 2122 51220314303 - SAILDRIVE - PORT GEARBOX

Sample No: VPA044368

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA044368 | --- | --- | --- |
| Sample Date | 16 Oct 2023 | --- | --- | --- |
| Machine Hours | 1184 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 69.6 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|---|-----|-----|-----|
| Silicon | ppm | 5 | --- | --- | --- |
| Sodium | ppm | 2 | --- | --- | --- |
| Potassium | ppm | 0 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| PQ | | 12 | --- | --- | --- |
| Iron | ppm | 6 | --- | --- | --- |
| Copper | ppm | 10 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | <1 | --- | --- | --- |
| Chromium | ppm | 0 | --- | --- | --- |
| Molybdenum | ppm | 61 | --- | --- | --- |
| Nickel | ppm | 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1110 | --- | --- | --- |
| Magnesium | ppm | 977 | --- | --- | --- |
| Zinc | ppm | 1301 | --- | --- | --- |
| Phosphorus | ppm | 1155 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 0 | --- | --- | --- |

NORTH FLORIDA MARINE SYSTEMS

1433-1 ROMNEY ST

JACKSONVILLE, FL

US 32211

Contact: Service Manager

nfmarinesystems@gmail.com

T: (904)803-8754

F:

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: VP99411958

Unique No: 10701540

Signed: Doug Bogart

Report Date: 20 Oct 2023

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GRAPHS

