

OIL ANALYSIS REPORT

VOLVO PENTA

DUNN VOLVO PENTA 3200000678 - STARBOARD IPS

Sample No: VPA053614

Oil Type: {unknown}

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA053614 | --- | --- | --- |
| Sample Date | 23 Apr 2024 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|---------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 105.2 | --- | --- | --- |
|-------------|-----|---------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ▲ 0.318 | --- | --- | --- |
| Silicon | ppm | <1 | --- | --- | --- |
| Sodium | ppm | █ 14 | --- | --- | --- |
| Potassium | ppm | █ 1 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| PQ | | █ 24 | --- | --- | --- |
| Iron | ppm | █ 33 | --- | --- | --- |
| Copper | ppm | 8 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | <1 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 3 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 14 | --- | --- | --- |
| Magnesium | ppm | 8 | --- | --- | --- |
| Zinc | ppm | 40 | --- | --- | --- |
| Phosphorus | ppm | 1454 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 286 | --- | --- | --- |

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 a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP867279

Unique No: 10996338

Signed: Sean Felton

Report Date: 25 Apr 2024

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GRAPHS

