

OIL ANALYSIS REPORT

VOLVO PENTA

HORIZON YACHT CHARTERS 14331/14256 VOLVO PENTA 51220289420 - INBOARD - STARBOARD GEARBOX

Sample No: VPA055027

Oil Type: NOT GIVEN

SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VPA055027 | --- | --- | --- |
| Sample Date | 19 Jul 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 78.0 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 6 | --- | --- | --- |
| Sodium | ppm | ■ 17 | --- | --- | --- |
| Potassium | ppm | ■ 8 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ■ 26 | --- | --- | --- |
| Iron | ppm | ■ 78 | --- | --- | --- |
| Copper | ppm | ▲ 201 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 2 | --- | --- | --- |
| Aluminum | ppm | ■ 5 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | 8 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 2398 | --- | --- | --- |
| Magnesium | ppm | 50 | --- | --- | --- |
| Zinc | ppm | 1259 | --- | --- | --- |
| Phosphorus | ppm | 1132 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 242 | --- | --- | --- |

PARTS & POWER

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: VP981217
Unique No: 10590169
Signed: Jonathan Hester
Report Date: 09 Aug 2023

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GRAPHS

