OIL ANALYSIS REPORT

MARYLAND PILOTS FELLS PT ZF 20366181 - INBOARD - PORT GEARBOX

 Sample No:
 VPA029841

 Oil Type:
 SAE 30W

SAMPLE INFORMATION

| JAMPLE INFURMA | TIUN | | | | |
|------------------------------|-------|--------------------------|---|------|--------------------------------------|
| Sample Number Sample Date | | VPA029841 22 Jun 2023 | | | Thompson Mari |
| Machine Hours | | 3597 | | | 177 Thompson La |
| Oil Hours | | 747 | | | EGG HARBOR TO |
| Oil Changed | | Not Changd | | | US 08234-7026 |
| Sample Status | | ABNORMAL | | | Contact: David Br |
| | | | _ | | thompson2415@ |
| OIL CONDITION | | | | | T: F: |
| Visc @ 40°C | cSt | 77.3 | | | г. |
| CONTAMINATION | | | | | Diagnosis |
| Silicon | 0.022 | 3 | | | No corrective ac |
| Sodium | ppm | 2 | | | at this time. We |
| Potassium | ppm | 2 | | | resample to mor |
| Polassium | ppm | Z | | | condition.Clutch bushing/bearing |
| WEAR METALS | | | | | There is no indic |
| PQ | | 23 | | | contamination ir condition of the |
| Iron | ppm | 35 | | | the time in service |
| Copper | ppm | 123 | | | |
| Lead | ppm | 2 | | | |
| Tin | ppm | 1 2 | | | |
| Aluminum | ppm | 3 | | | |
| Chromium | ppm | □ <1 | | | |
| Molybdenum | ppm | 58 | | | |
| Nickel | ppm | □ <1 | | | |
| Titanium | ppm | ■ <1 | | | |
| Silver | ppm | 0 | | | |
| Manganese | ppm | □ <1 | | | |
| Vanadium | ppm | 0 | | | |
| ADDITIVES | | | | | |
| Calcium | ppm | 763 | | | |
| Magnesium | ppm | 420 | | | |
| Zinc | ppm | 549 | | | |
| Phosphorus | ppm | 489 | | | |
| Barium | ppm | 0 | | | |
| Boron | ppm | 141 | | | |
| | | | | | |

VOLVO PENTA

Thompson Marine & Engine Inc 177 Thompson Lane EGG HARBOR TOWNSHIP, NJ US 08234-7026 Contact: David Brown thompson2415@aol.com T⁻

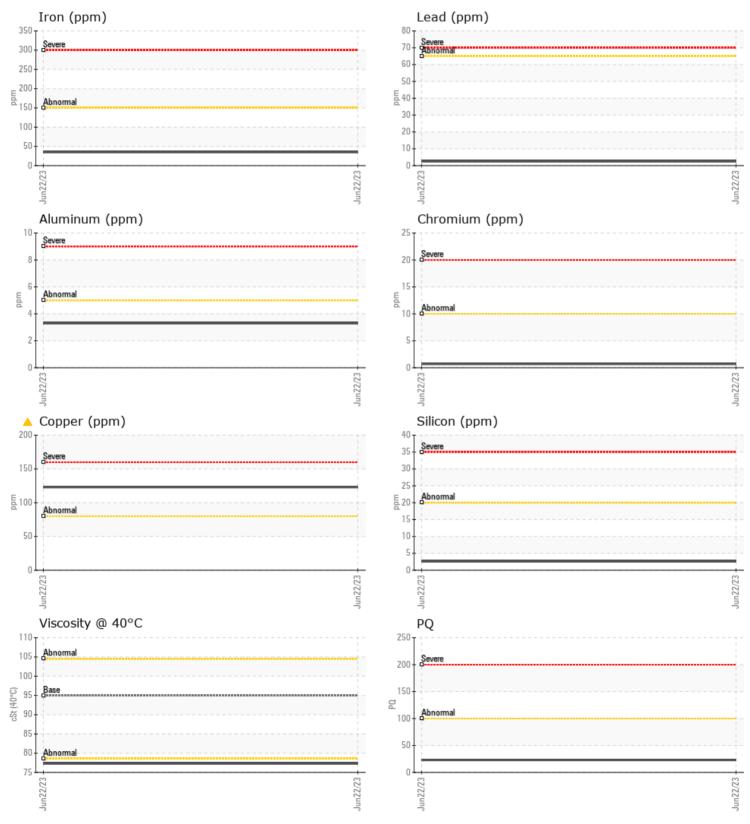
No corrective action is recommended at this time. We recommend an early resample to monitor this condition.Clutch and/or oushing/bearing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

| Depot: | VP154539 |
|--------------|-----------------|
| Unique No: | 10535178 |
| Signed: | Jonathan Hester |
| Report Date: | 30 Jun 2023 |

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154539 [WUSCAR] 05884695 (Generated: 06/30/2023 15:18:36) Rev: 1

Contact/Location: David Brown - VP154539