OIL ANALYSIS REPORT

CHANGE VOLVO PENTA 3950002655 - STARBOARD IPS

Sample No: VPA056259

Oil Type: GEAR OIL SAE 75W90

| | | | | |
|---------------|-------|-------------|------|------|
| SAMPLE INFORM | ATION | | | |
| Sample Number | | VPA056259 | | |
| Sample Date | | 27 Jun 2023 | | |
| Machine Hours | | 538 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | NORMAL | | |
| | | | | |
| OIL CONDITION | | | | |
| Visc @ 40°C | cSt | 107 | | |
| CONTAMINATION | | | | |
| | | 2 | | |
| Silicon | ppm | 2 | | |
| Sodium | ppm | 1 5 | | |
| Potassium | ppm | <1 | | |
| WEAR METALS | | | | |
| PQ | | 17 | | |
| Iron | ppm | 9 1 | | |
| Copper | ppm | 13 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 5 | | |
| Chromium | ppm | <1 | | |
| Molybdenum | ppm | ■<1 | | |
| Nickel | ppm | 1 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 4 | | |
| Vanadium | ppm | 0 | | |
| | | U | | |
| ADDITIVES | | | | |
| Calcium | ppm | 1 3 | | |
| Magnesium | ppm | 6 | | |
| Zinc | ppm | 94 | | |
| Phosphorus | ppm | 1408 | | |
| Barium | ppm | 0 | | |
| Boron | ppm | 319 | | |
| | | | | |



314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542

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.

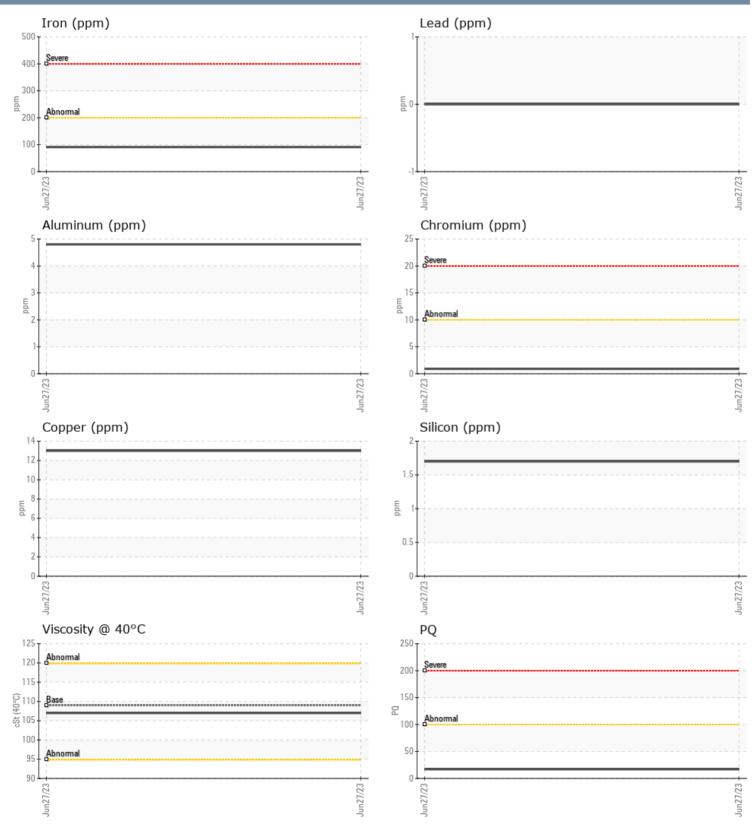
| Depot: | VP1298996 | | |
|--------------|-------------|--|--|
| Unique No: | 10538953 | | |
| Signed: | Sean Felton | | |
| Report Date: | 05 Jul 2023 | | |

Contact/Location: Service Manager - VP1298996

OIL ANALYSIS REPORT







Report Id: VP1298996 [WUSCAR] 05888470 (Generated: 07/05/2023 12:18:21) Rev: 1

Contact/Location: Service Manager - VP1298996