OIL ANALYSIS REPORT

19271 13600K - GEAR UNIT

Sample No: VPA049597

Oil Type: ATF

| SAMPLE INFORM | ATION | | | |
|---------------|-------|-------------|------|--|
| Sample Number | | VPA049597 | | |
| Sample Date | | 24 Aug 2023 | | |
| Machine Hours | | 0 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | Not Changd | | |
| Sample Status | | ABNORMAL | | |
| OIL CONDITION | | | | |
| Visc @ 40°C | cSt | 42.9 | | |
| CONTAMINATION | | | | |
| Silicon | ppm | 7 | | |
| Sodium | ppm | 2 | | |
| Potassium | ppm | ■ <1 | | |
| WEAR METALS | | | | |
| PQ | | 9 | | |
| Iron | ppm | 33 | | |
| Copper | ppm | 158 | | |
| Lead | ppm | <u> </u> | | |
| Tin | ppm | <1 | | |
| Aluminum | ppm | 3 | | |
| Chromium | ppm | <1 | | |
| Molybdenum | ppm | 49 | | |
| Nickel | ppm | 0 | | |
| Titanium | ppm | 13 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | <1 | | |
| Vanadium | ppm | <1 | | |
| ADDITIVES | | | | |
| Calcium | ppm | 734 | | |
| Magnesium | ppm | 550 | | |
| Zinc | ppm | 608 | | |
| Phosphorus | ppm | 642 | | |
| Barium | ppm | 10 | | |
| Boron | ppm | 128 | | |

VOLVO PENTA

Sea Power Ltd 2077 Amelia Ave SIDNEY, BC CA V8L 3Z8 Contact: Kayla Sousa service@seapower.ca T: (250)656-4341

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.Copper and lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

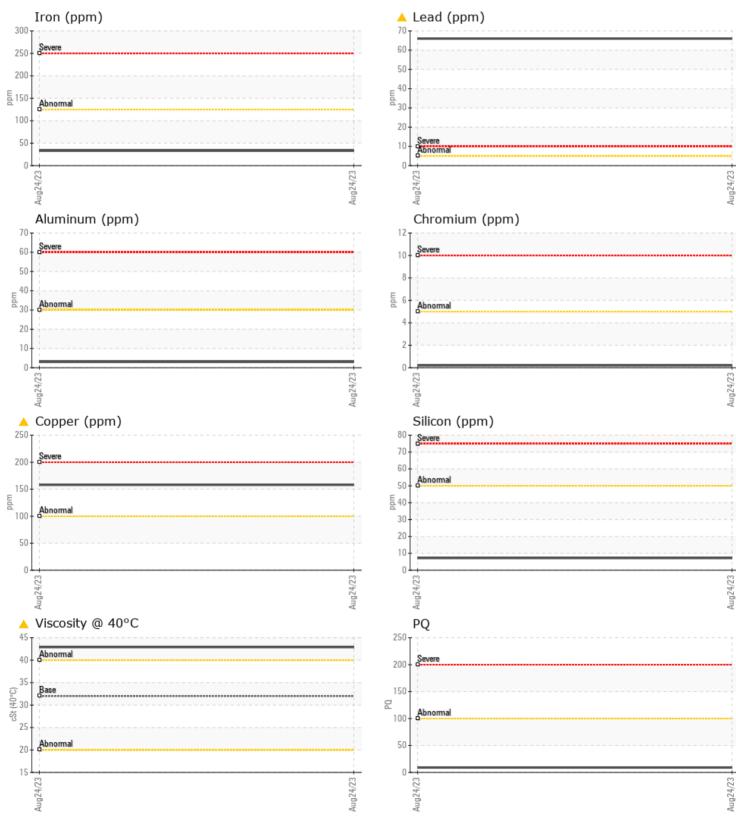
| Depot: | VP154139 | | |
|--------------|--------------|--|--|
| Unique No: | 5632856 | | |
| Signed: | Kevin Marson | | |
| Report Date: | 01 Sep 2023 | | |

Contact/Location: Kayla Sousa - VP154139

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154139 [WCAMIS] 02579796 (Generated: 09/06/2023 07:51:50) Rev: 2

Contact/Location: Kayla Sousa - VP154139