OIL ANALYSIS REPORT

NADINE UCIUOLI ROBERT MIROS VOLVO PENTA 3940022254 - PORT IPS

Sample No: VPA051583

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION Sample Number VPA051583 **Helmuts Marine Service** Sample Date 18 Jan 2024 619 Canal Street Machine Hours 317 SAN RAFAEL, CA 317 **Oil Hours** US 94901-3545 Oil Changed Changed Contact: NADINE URCIUOLI NORMAL Sample Status SERVICE@HELMUTSMARINE.COM T: x: **OIL CONDITION** F: x: Visc @ 40°C cSt 106 Diagnosis CONTAMINATION No corrective action is recommended % NEG Water at this time. Resample at the next Silicon 12 ppm service interval to monitor.All Sodium 3 ppm component wear rates are normal. Potassium ppm 1 There is no indication of any contamination in the oil. The WEAR METALS condition of the oil is acceptable for the time in service. PO 25 90 Iron ppm Copper ppm 7 Lead <1 ppm Tin <1 ppm 2 Aluminum ppm Chromium ppm 2 Molybdenum **||** < 1 ppm 2 Nickel ppm Titanium ppm <1 Silver 0 ppm Manganese 2 ppm Vanadium 0 ppm **ADDITIVES** Calcium ppm 5 Magnesium ppm 20 Zinc ppm 0 Phosphorus ppm 1283 Barium ppm 0 Boron ppm 325



 Depot:
 VP152741

 Unique No:
 10847401

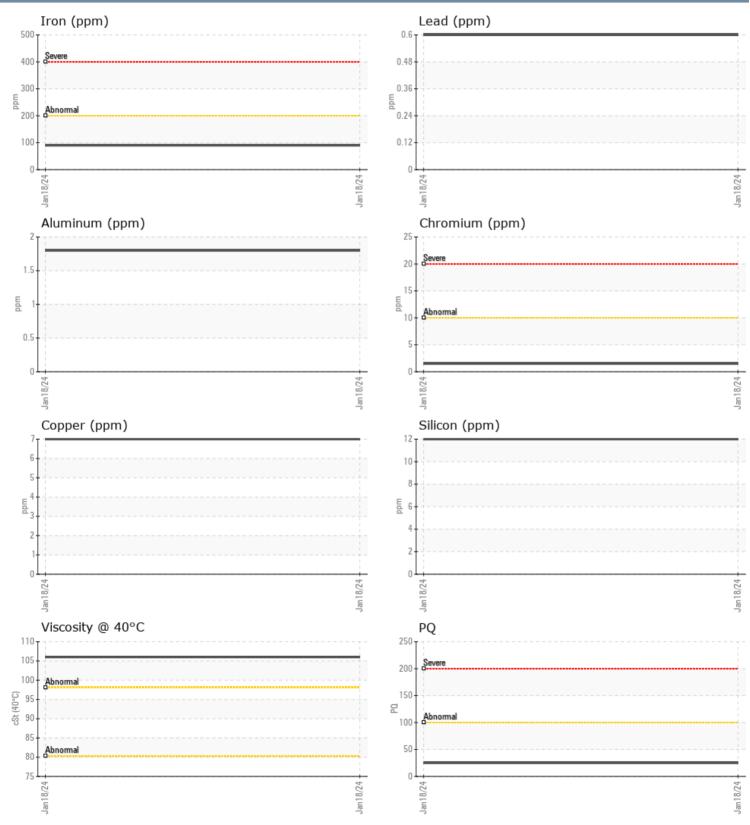
 Signed:
 Doug Bogart

 Report Date:
 26 Jan 2024

OIL ANALYSIS REPORT







Report Id: VP152741 [WUSCAR] 06070724 (Generated: 02/08/2024 15:46:33) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741