OIL ANALYSIS REPORT

VOLVO PENTA

PERDIKIS ONAN GO40665249 - GENSET

Sample No: VPA060357

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA060357 Sample Number Sample Date 06 Oct 2023 Machine Hours 583 **Oil Hours** 50 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.7 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 64 CONTAMINATION Soot % % 0.1 % Nitration (PA) 53 Sulfation (PA) % 55 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium 4 ppm Potassium ppm 8 🔲 WEAR METALS Iron ppm 8 Copper 2 ppm Lead ppm 2 Tin 2 ppm Aluminum ppm 2 Chromium **||** < 1 ppm Molybdenum ppm 8 Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 2041 ppm Magnesium 138 ppm Zinc ppm 1213 Phosphorus ppm 1011 Barium ppm 0 🔲 150 Boron ppm

FULL KEEL MARINE SERVICES 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP1298996

 Unique No:
 10686746

 Signed:
 Angela Borella

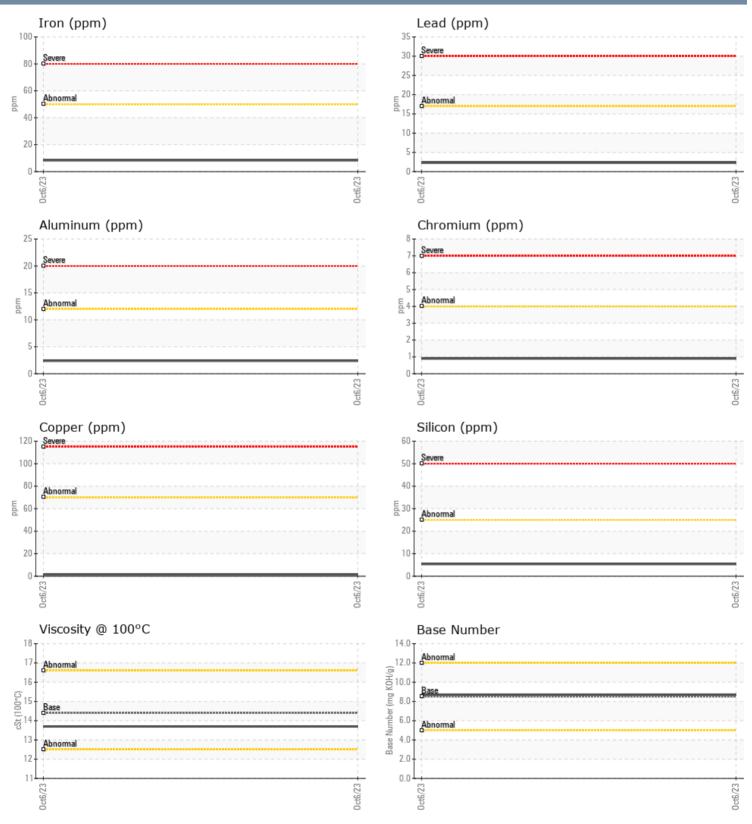
 Report Date:
 12 Oct 2023

Contact/Location: Service Manager - VP1298996

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GRAPHS



Report Id: VP1298996 [WUSCAR] 05974796 (Generated: 10/12/2023 13:46:23) Rev: 1

Contact/Location: Service Manager - VP1298996