OIL ANALYSIS REPORT

BRIAN JOHNSON VOLVO PENTA BRIAN JOHNSON (S/N NOT AVAILABLE) - PORT IPS

Sample No: VPA052147

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION VPA052147 Sample Number FULL KEEL MARINE SERVICES Sample Date 24 Jun 2024 314 LEGION AVE Machine Hours 980 ANNAPOLIS, MD 0 **Oil Hours** US 21401 Oil Changed Changed Contact: Service Manager SEVERE Sample Status FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542 **OIL CONDITION** F: Visc @ 40°C cSt 119 Diagnosis CONTAMINATION Oil and filter change at the time of % Water NEG sampling has been noted. We advise Silicon ppm **16** that you inspect for the source(s) of Sodium 4 ppm wear. We recommend an early Potassium ppm 2 resample to monitor this condition.Gear wear is indicated. WEAR METALS There is no indication of any contamination in the oil. The oil is no PO 23 longer serviceable as a result of the **A** 717 Iron ppm abnormal and/or severe wear. Copper 58 ppm Lead 0 ppm Tin ■ <1 ppm 11 Aluminum ppm Chromium ppm 4 Molybdenum 0 ppm 3 Nickel ppm Titanium 0 ppm Silver <1 ppm 9 Manganese ppm Vanadium 0 ppm **ADDITIVES** 8 Calcium ppm Magnesium ppm 5 Zinc ppm 32 Phosphorus ppm 1472 Barium ppm 0 Boron ppm 130

 Depot:
 VP1298996

 Unique No:
 11110316

 Signed:
 Jonathan Hester

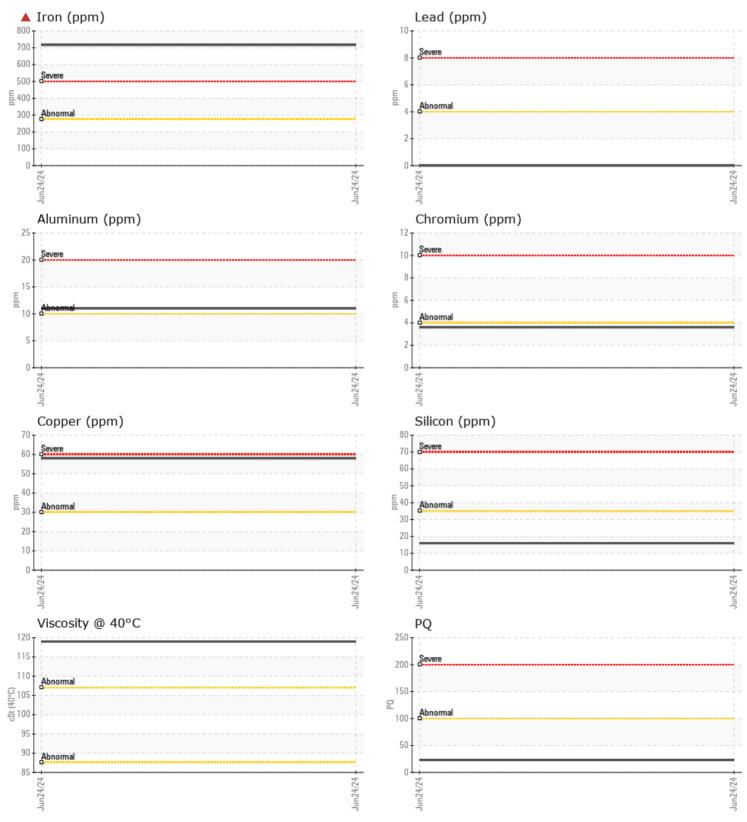
 Report Date:
 05 Jul 2024

Contact/Location: Service Manager - VP1298996

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GRAPHS



Report Id: VP1298996 [WUSCAR] 06226823 (Generated: 07/08/2024 09:05:21) Rev: 1

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