OIL ANALYSIS REPORT

JEFF ENGLER ENGLER VOLVO PENTA 7008580739 - STARBOARD DIESEL ENGINE

Sample No: VPA056411

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA056411 Sample Number Jefferson Beach Yacht Sales Inc Sample Date 21 Mar 2024 24400 Jefferson Ave. Machine Hours 61 SAINT CLAIR SHORES, MI 61 **Oil Hours** US 48080 Oil Changed Changed Contact: DAVID LESH NORMAL Sample Status DI FSH@JBYS COM T: **OIL CONDITION** F: Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) % 55 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of % NEG Water any contamination in the oil. The BN % Soot % 0.3 result indicates that there is suitable Nitration (PA) % 46 alkalinity remaining in the oil. The condition of the oil is acceptable for % Sulfation (PA) 51 the time in service. Glycol % NEG Fuel % <1.0 Silicon 22 ppm Sodium 2 ppm Potassium 2 ppm WEAR METALS 10 Iron ppm 32 Copper ppm Diagnosis Lead ppm **||** < 1 Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm <1 66 🔳 Molybdenum ppm Nickel ■ <1 ppm Titanium ppm **||** <1 Silver ppm 0 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1190 ppm Magnesium 943 ppm Zinc ppm 1221 Phosphorus ppm 964 Barium 0 ppm Boron ppm 3 Depot: VP297371 Unique No: 10954146 Signed: Don Baldridge

Page 1 of 2

03 Apr 2024

Contact/Location: DAVID LESH - VP297371

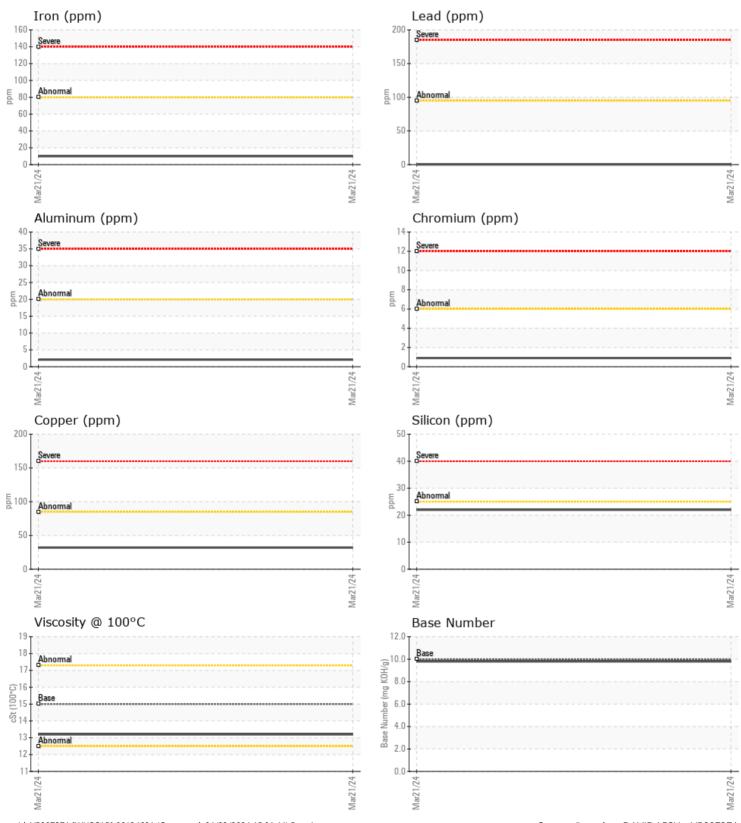
Report Date:



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GRAPHS



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