OIL ANALYSIS REPORT

MIKE VOLKEMA 505549 VOLVO PENTA A1155769 - PORT DIESEL ENGINE

Sample No: VPA062137

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

SAMPLE INFORMATION VPA062137 VPA042211 Sample Number Sample Date 02 Apr 2024 16 Sep 2022 Machine Hours 103 57 **Oil Hours** 46 57 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C cSt 13.3 13.7 Base Number (BN) mg KOH/g 9.4 9.1 Oxidation (PA) % 54 57 CONTAMINATION Water % NEG NFG % Soot % 0.3 0.2 Nitration (PA) % 47 67 Sulfation (PA) % 51 52 Glycol % NEG NFG Fuel % <1.0 <1.0 Silicon 8 18 ppm Sodium 2 3 ppm Potassium 0 4 ppm WEAR METALS 10 Iron 9 ppm 5 9 Copper ppm Lead 3 ppm **||** < 1 Tin ■ <1 2 ppm Aluminum 32 ppm 9 Chromium <1 2 ppm Molybdenum 74 ppm 62 0 Nickel 0 ppm Titanium ppm 0 🔲 < 1 Silver 0 0 ppm Manganese <1 < 1 ppm Vanadium ppm 0 <1 **ADDITIVES** Calcium 1240 2128 ppm **781** 97 Magnesium ppm Zinc ppm 1202 1127 Phosphorus ppm 1044 959 Barium 0 0 ppm Boron ppm 13 62

Depot:

Jefferson Beach Yacht Sales Inc 24400 Jefferson Ave.

SAINT CLAIR SHORES, MI US 48080 Contact: CORT CORINO ccorino@jbys.com T: (773)641-6947 F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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 acceptable for the time in service.

VP297371

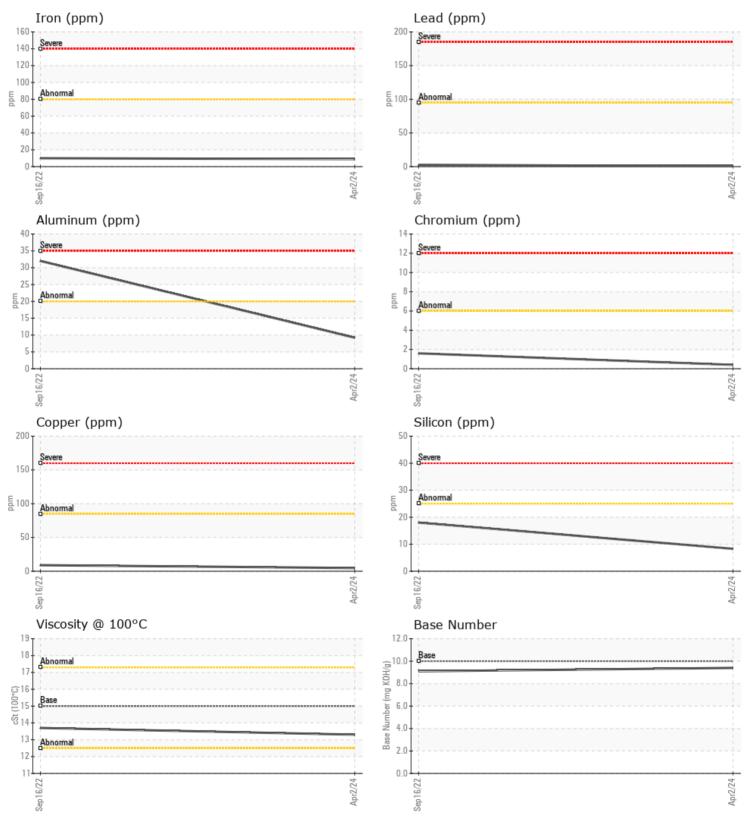
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GRAPHS



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