OIL ANALYSIS REPORT

JOHN STORCK 502963 VOLVO PENTA A271200 - PORT DIESEL ENGINE

Sample No: VPA060360

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

SAMPLE INFORMATION VPA060360 Sample Number Sample Date 04 Apr 2024 Machine Hours 497 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.5 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 40 % 50 Sulfation (PA) Glycol % NEG Fuel % <1.0 Silicon 3 ppm Sodium **||** <1 ppm Potassium 0 🔲 ppm WEAR METALS Iron 3 ppm 1 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum **||** <1 ppm Chromium ppm 0 Molybdenum 50 ppm Nickel ■ <1</p> ppm Titanium ppm 0 🔲 0 Silver ppm Manganese 0 🔲 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1057 ppm Magnesium 951 ppm Zinc ppm 1134 1035 Phosphorus ppm Barium 0 ppm Boron ppm ■ <1 Depot:

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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 acceptable for the time in service.

 Depot:
 VP794951

 Unique No:
 10968710

 Signed:
 Angela Borella

 Report Date:
 12 Apr 2024

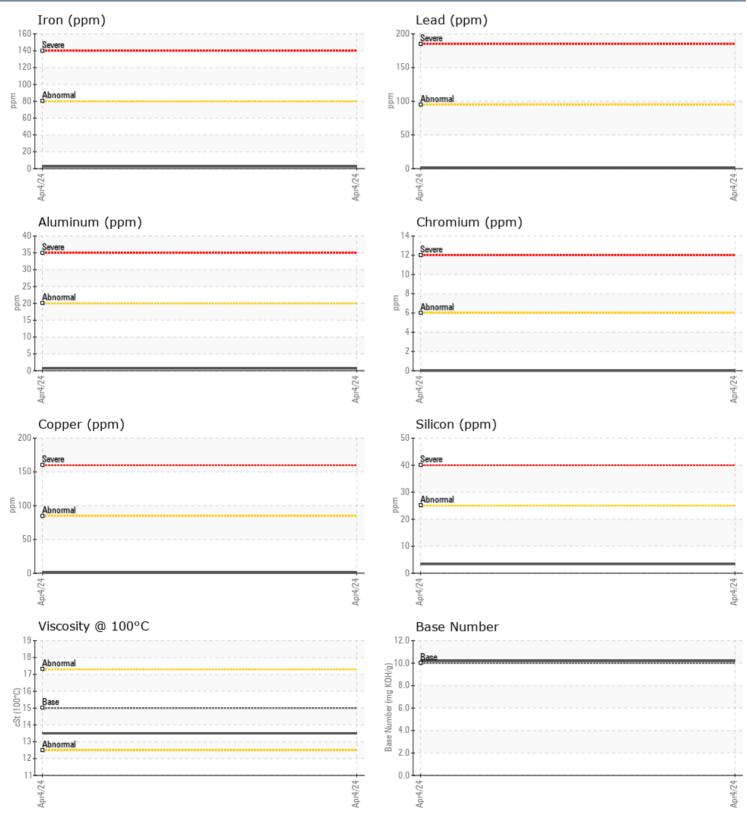
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GRAPHS



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