OIL ANALYSIS REPORT

HUMPHREYS 235/585546 VOLVO PENTA A343153 - PORT DIESEL ENGINE

Sample No: VPA039497

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

SAMPLE INFORMATION VPA039497 Sample Number Sample Date 26 Feb 2024 Machine Hours 515 200 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 60 CONTAMINATION % NEG Water % Soot % 0.4 Nitration (PA) % 60 Sulfation (PA) % 54 Glycol % NEG Fuel % <1.0 Silicon 7 ppm Sodium 2 ppm Potassium 2 ppm WEAR METALS Iron 30 ppm 7 Copper ppm Lead ppm 1 🗌 Tin ■ <1 ppm Aluminum ppm 3 Chromium <1 ppm 66 🔳 Molybdenum ppm Nickel 1 🔲 ppm Titanium ppm **||** <1 Silver 0 ppm Manganese **||** <1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1041 ppm Magnesium 976 ppm Zinc ppm 1248 Phosphorus ppm 1118 Barium 0 🔲 ppm Boron ppm ■ <1

 Depot:
 VP648685

 Unique No:
 10910364

 Signed:
 Sean Felton

 Report Date:
 06 Mar 2024

900 S. BAY BLVD., PO Box 862 ANNA MARIA, FL US 34216 Contact: SCOTT FORD SFORD@GALATIYACHTS.COM T: (850)650-1700

Galati Yacht Sales LLC

Diagnosis

F:

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.

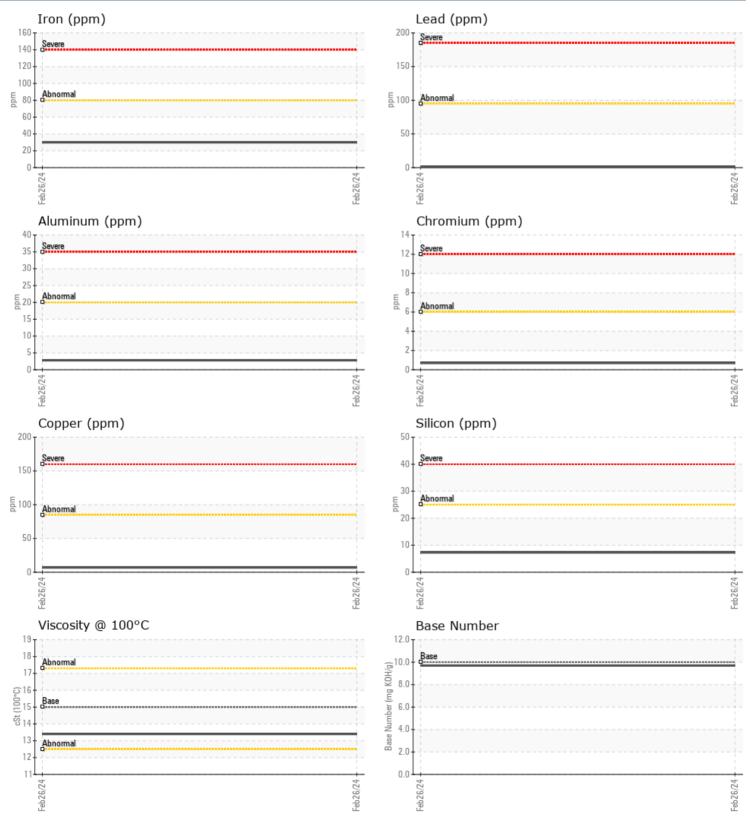
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VOLVO PENTA

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GRAPHS



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Contact/Location: SCOTT FORD - VP648685