OIL ANALYSIS REPORT

HIGH POINT II/3491 VOLVO PENTA 40869501 - PORT DIESEL ENGINE

Sample No: VPA036997

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

SAMPLE INFORMATION VPA036997 Sample Number Sample Date 08 Nov 2023 Machine Hours 300 **Oil Hours** 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** F: Visc @ 100°C **11.9** cSt Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 58 CONTAMINATION Water % NEG % Soot % 0.8 Nitration (PA) % 66 Sulfation (PA) % 57 Glycol % NEG Fuel % **2.5** Silicon 15 ppm Sodium 2 ppm Potassium **||** <1 ppm WEAR METALS Iron 23 ppm 81 Copper ppm Lead ppm 2 Tin ppm 2 Aluminum ppm 2 Chromium <1 ppm 56 Molybdenum ppm Nickel 1 ppm Titanium ppm 0 🔲 Silver ■ <1 ppm Manganese <1 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1155 ppm 810 Magnesium ppm Zinc ppm 1160 Phosphorus ppm 962 Barium 0 ppm Boron ppm 9 Depot:



GRAND BANKS 450 SW SALEM RD STUART, FL US 34994 Contact: ROBERT ANTONA roberta@gbmarinegroup.com T: (609)384-5290

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. 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:
 VP531377

 Unique No:
 10743030

 Signed:
 Sean Felton

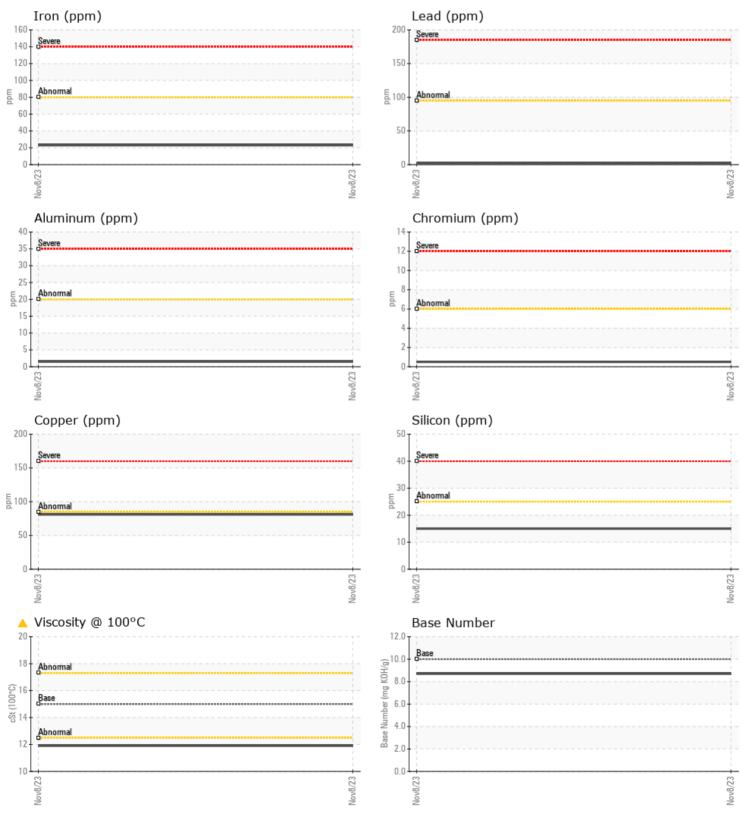
 Report Date:
 20 Nov 2023

Contact/Location: ROBERT ANTONA - VP531377

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GRAPHS



Report Id: VP531377 [WUSCAR] 06009268 (Generated: 11/20/2023 14:13:16) Rev: 1

Contact/Location: ROBERT ANTONA - VP531377