OIL ANALYSIS REPORT

RONNIE HOLLIS PAC514191 VOLVO PENTA 2013503903 - PORT DIESEL ENGINE

Sample No: VPA060487

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

SAMPLE INFORMATION VPA060487 Sample Number Sample Date 21 Sep 2023 Machine Hours 1241 **Oil Hours** 34 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 13.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.5 Oxidation (PA) % 52 CONTAMINATION Soot % % 0.3 % Nitration (PA) 43 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 3 ppm Potassium ppm 2 WEAR METALS Iron ppm 5 4 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm ■ <1 Chromium **||** < 1 ppm Molybdenum ppm 65 Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1174 ppm Magnesium 1067 ppm 🔳 1393 Zinc ppm Phosphorus ppm 1160 Barium ppm 0 Boron ppm 2

FLORIDA DETROIT DIESEL - 531006 - 1125774 1128 CHESTNUT AVE

PANAMA CITY, FL US 32401 Contact: RICHARD ROBERTS ri.roberts@ssss.com T: (850)763-7656 E.

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:
 VPFLOPAN

 Unique No:
 10662239

 Signed:
 Don Baldridge

 Report Date:
 27 Sep 2023

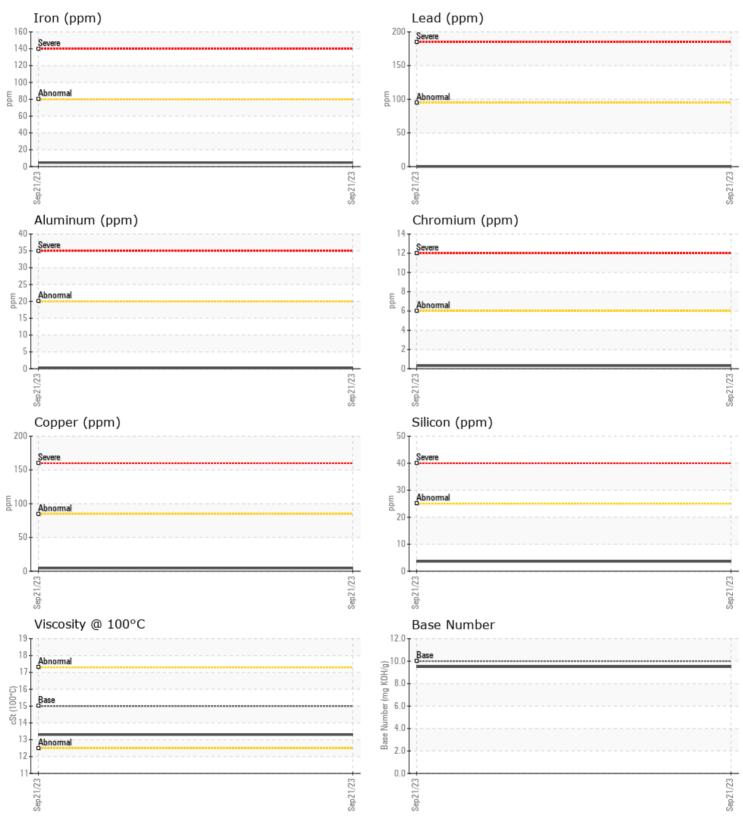
Contact/Location: RICHARD ROBERTS - VPFLOPAN



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GRAPHS



Report Id: VPFLOPAN [WUSCAR] 05961026 (Generated: 09/28/2023 11:30:29) Rev: 1

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