OIL ANALYSIS REPORT

BUTTERFOSS VOLVO PENTA A661250 - PORT DIESEL ENGINE

Sample No: VPA055523

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

SAMPLE INFORMATION VPA055523 Sample Number Sample Date 08 Nov 2023 Machine Hours 494 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Τ· F: Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.3 % Nitration (PA) 53 Sulfation (PA) % 55 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 2 ppm Potassium 5 ppm WEAR METALS 13 Iron ppm 5 🔲 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum 2 ppm Chromium **|** <1 ppm Molybdenum 8 ppm Nickel 1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1944 ppm Magnesium 156 ppm **1178** Zinc ppm Phosphorus ppm 979 Barium ppm 0 🔲 Boron ppm 164



4517 Dunning Road NORFOLK, VA US 23518 Contact: WALTER CLARK ychtfixer@aol.com T: F:

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:
 VP151520

 Unique No:
 10743022

 Signed:
 Don Baldridge

 Report Date:
 19 Nov 2023

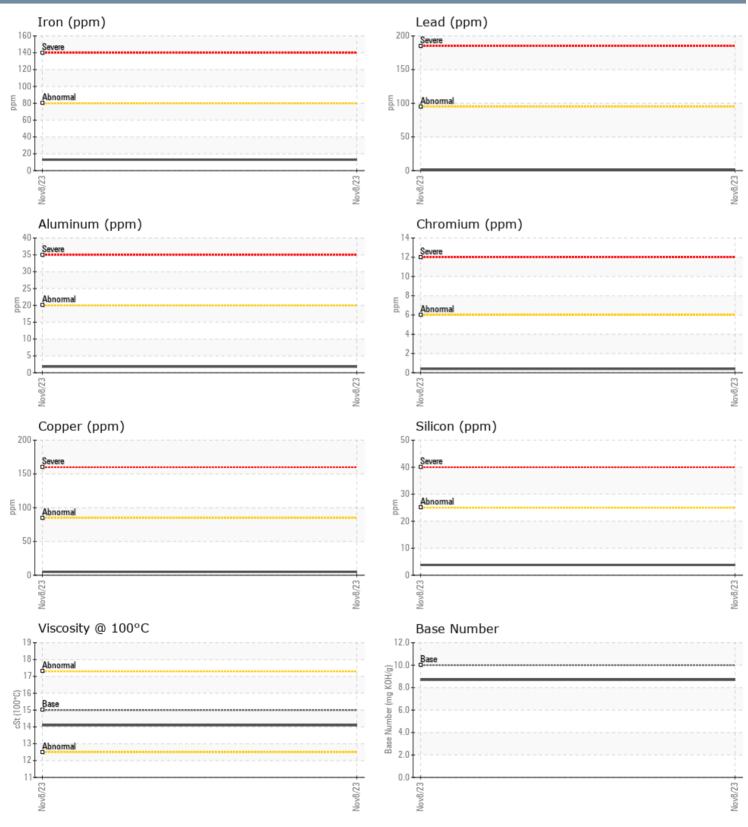
Contact/Location: WALTER CLARK - VP151520



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP151520 [WUSCAR] 06009260 (Generated: 11/19/2023 11:54:27) Rev: 1

Contact/Location: WALTER CLARK - VP151520