OIL ANALYSIS REPORT

MULLET 505511 VOLVO PENTA 20132167474 - PORT DIESEL ENGINE

Sample No: VPA048593

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

SAMPLE INFORMATION VPA048593 Sample Number Sample Date 01 Sep 2023 Machine Hours 131 **Oil Hours** 131 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** F: 13.0 Visc @ 100°C cSt Base Number (BN) mg KOH/g 6.6 Oxidation (PA) % 34 CONTAMINATION Soot % % 0.2 % Nitration (PA) 41 Sulfation (PA) % 40 % Glycol NEG Fuel % <1.0 Silicon ppm 27 Sodium 2 ppm Potassium ppm 25 WEAR METALS 14 Iron ppm 10 Copper ppm Lead ppm 1 🔲 Tin **4** ppm Aluminum ppm 11 Chromium 0 ppm Molybdenum 11 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 Manganese 2 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1151 ppm Magnesium 1014 ppm 1240 Zinc ppm Phosphorus ppm 1054 Barium ppm 0 🔲 15 Boron ppm

Jefferson Beach Yacht Sales Inc

VOLVO PENTA

24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297 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:
 VP297371

 Unique No:
 10634963

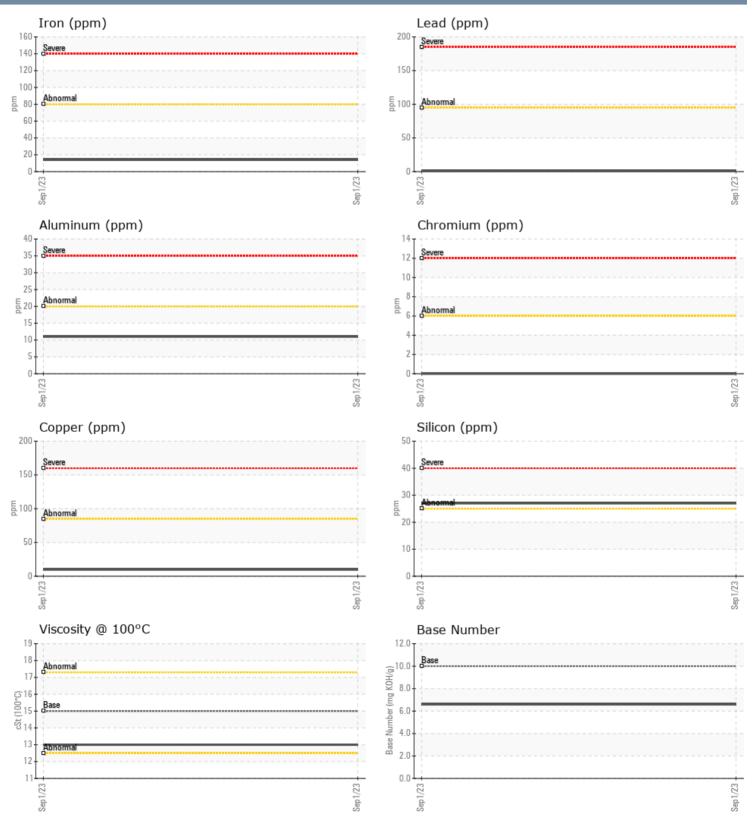
 Signed:
 Don Baldridge

 Report Date:
 09 Sep 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 05944351 (Generated: 09/09/2023 11:28:21) Rev: 1

Contact/Location: DENNIS BUTT - VP297371