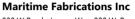
## **OIL ANALYSIS REPORT**

### ERIC JONES 68358 VOLVO PENTA 7011201083 - PORT DIESEL ENGINE

Sample No: VPA044568

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

#### SAMPLE INFORMATION VPA044568 Sample Number Sample Date 11 Sep 2023 Machine Hours 545 29 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 12.9 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 57 CONTAMINATION Soot % % 0.1 % Nitration (PA) 43 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 1 ppm Potassium 2 ppm WEAR METALS Iron ppm 3 2 Copper ppm **||** <1 Lead ppm Tin ■ <1 ppm Aluminum ppm 2 Chromium 0 ppm Molybdenum 60 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1100 ppm Magnesium 1045 ppm 1346 Zinc ppm Phosphorus ppm 1051 Barium ppm 0 Boron ppm 5



920 W Pearle Jensen Way, 920 W. Pearle Jensen Way LACONNER, WA US 98257 Contact: Mark Crandall markc@laconnermaritime.com T: (360)466-3629 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 suitable for further service.

 Depot:
 VP153319

 Unique No:
 10668474

 Signed:
 Jonathan Hester

 Report Date:
 28 Sep 2023

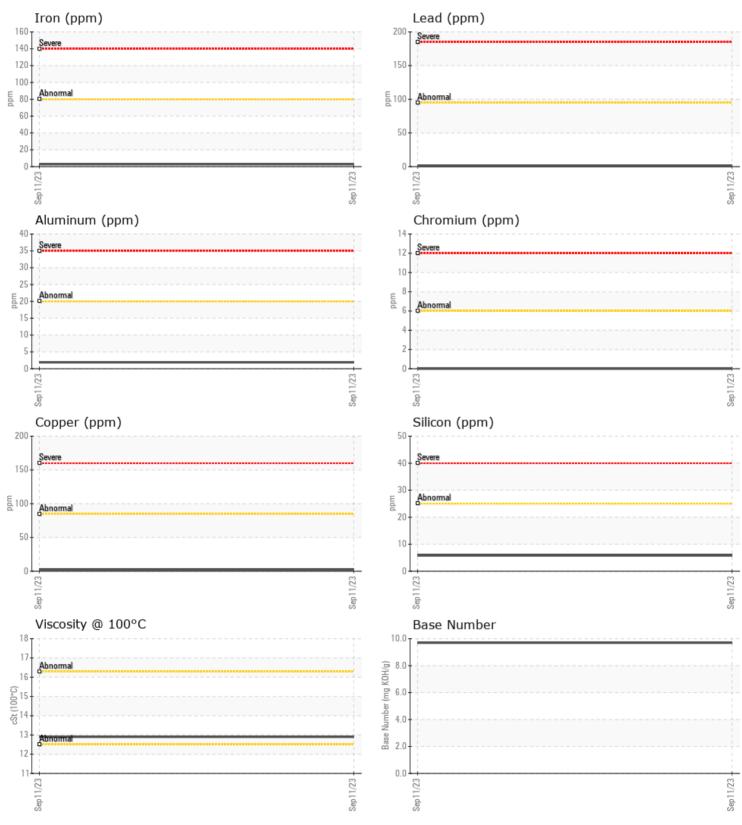
Contact/Location: Mark Crandall - VP153319



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153319 [WUSCAR] 05961923 (Generated: 10/02/2023 17:03:11) Rev: 1

Contact/Location: Mark Crandall - VP153319