## **OIL ANALYSIS REPORT**

### WILSON 590-75 JC CUMMINS 22430246 - PORT DIESEL ENGINE

Sample No: VPA021879

Oil Type: SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION VPA021879 Sample Number Sample Date 18 Dec 2023 Machine Hours 113 40 **Oil Hours** Oil Changed Changed NORMAL Sample Status Т٠ **OIL CONDITION** F: Visc @ 100°C 14.0 cSt Base Number (BN) mg KOH/g 8.4 Oxidation (PA) % 63 CONTAMINATION Water % NEG % Soot % 0.5 Nitration (PA) % 54 Sulfation (PA) % 57 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium 1 ppm Potassium 1 ppm WEAR METALS Iron 13 ppm 32 Copper ppm Lead ppm 0 🔲 Tin ppm ■ <1 Aluminum ppm 1 Chromium <1 ppm Molybdenum ppm 8 Nickel 1 ppm Titanium ppm **||** <1 Silver ■ <1 ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2081 ppm **10** Magnesium ppm Zinc ppm 1123 Phosphorus ppm 962 Barium 0 🔲 ppm Boron ppm 173

VOLVO PENTA

Outstanding Marine PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T:

#### Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VP153685

 Unique No:
 10816317

 Signed:
 Sean Felton

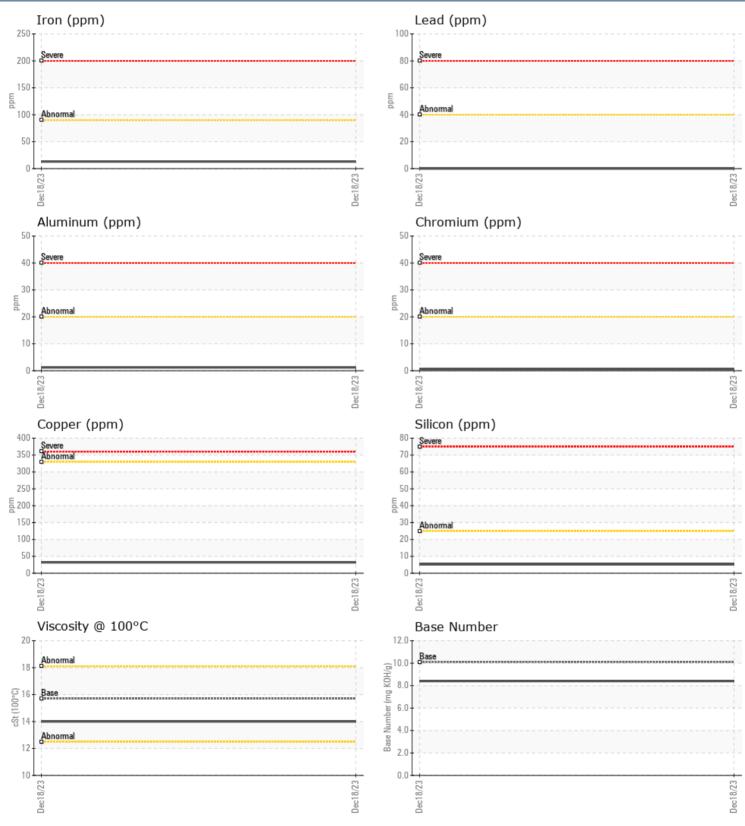
 Report Date:
 04 Jan 2024

Contact/Location: Ronda Bolinger - VP153685

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153685 [WUSCAR] 06050368 (Generated: 01/04/2024 16:33:39) Rev: 1

Contact/Location: Ronda Bolinger - VP153685