## **OIL ANALYSIS REPORT**

### WINDSERVE ODYSSEY SCANIA 1161746 - PORT DIESEL ENGINE

Sample No: VPA036198

Oil Type: SHELL ROTELLA T 15W40

#### SAMPLE INFORMATION VPA036198 Sample Number Sample Date 18 Apr 2024 Machine Hours 3585 **Oil Hours** 429 Oil Changed Changed NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 5.5 Oxidation (PA) % 73 CONTAMINATION % NEG Water % Soot % 0.4 Nitration (PA) % 73 % Sulfation (PA) 64 Glycol % NEG Fuel % <1.0 Silicon 9 ppm Sodium **4** ppm Potassium 7 ppm WEAR METALS Iron 18 ppm 11 Copper ppm Lead ppm 2 Tin 1 ppm Aluminum 3 ppm Chromium ppm 2 Molybdenum 1 ppm Nickel 1 ppm Titanium ppm <1 0 Silver ppm Manganese **||** <1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 2052 ppm Magnesium 13 ppm Zinc ppm 1065 Phosphorus ppm 861 Barium 1 ppm Boron ppm 99



WINDSERVE MARINE

10 MACNAUGHT ST NORTH KINGSTOWN, RI US 02852 Contact: Ryan Linn RyanL@windservemarine.com T:

#### 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:
 VPSENNOR

 Unique No:
 11004503

 Signed:
 Don Baldridge

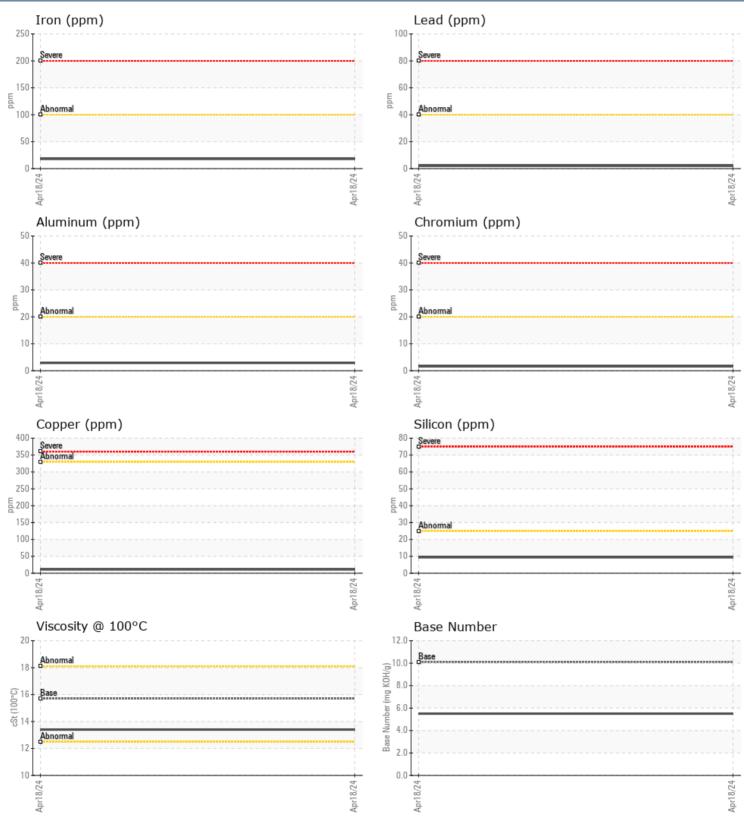
 Report Date:
 01 May 2024

Contact/Location: Ryan Linn - VPSENNOR

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#### GRAPHS



Report Id: VPSENNOR [WUSCAR] 06163784 (Generated: 05/03/2024 23:15:52) Rev: 1

Contact/Location: Ryan Linn - VPSENNOR