## **OIL ANALYSIS REPORT**

### RON DURCHIN MAN 7019584234A201 - PORT DIESEL ENGINE

Sample No: VPA059822

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA059822 29 Oct 2023 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 9.1 Oxidation (PA) % 65 CONTAMINATION Soot % % 0.2 % Nitration (PA) 59 Sulfation (PA) % 53 % NEG Glycol Fuel % <1.0 Silicon ppm 5 Sodium 3 ppm Potassium ppm 0 🔲

#### WEAR METALS

Iron	ppm	<b>1</b> 0	 	
Copper	ppm	8	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	<b>4</b> 3	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	

#### ADDITIVES

Calcium	ppm	1076	 	
Magnesium	ppm	732	 	
Zinc	ppm	818	 	
Phosphorus	ppm	743	 	
Barium	ppm	3	 	
Boron	ppm	<b>44</b>	 	

#### **BAY MARINE**

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628 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:
 VP1174336

 Unique No:
 10715307

 Signed:
 Don Baldridge

 Report Date:
 31 Oct 2023

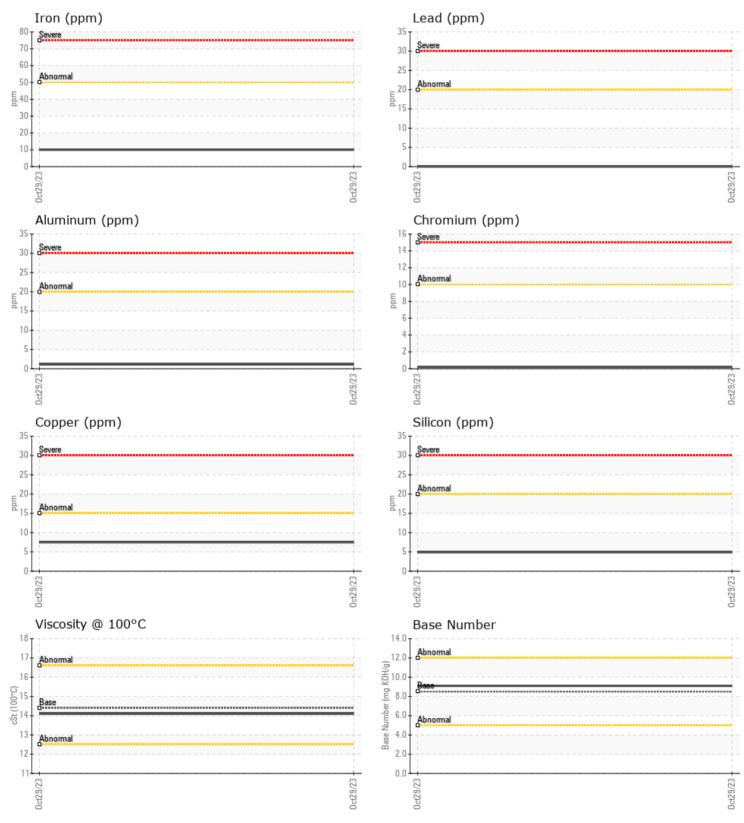
Contact/Location: BRENDAN COWHEY - VP1174336



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#### GRAPHS



Report Id: VP1174336 [WUSCAR] 05992645 (Generated: 10/31/2023 13:55:08) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336