## **OIL ANALYSIS REPORT**

## VOLVO PENTA 20132108871 - PORT DIESEL ENGINE

Sample No: VPA056477

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA056477	 	
Sample Date		19 Apr 2024	 	
Machine Hours		448	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)	mg KOH/g	9.5	 	
Oxidation (PA)	%	52	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	40	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	□7	 	
Sodium	ppm	□ <1	 	
Potassium	ppm	<b>□</b> 1	 	
WEAR METALS				
Iron	ppm	6	 	
Copper	ppm	9	 	
Lead	ppm	□ <1	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	□1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	54	 	
Nickel	ppm	0	 	
Titanium	ppm	□ <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>□</b> <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	<b>1016</b>	 	
Magnesium	ppm	918	 	
Zinc	ppm	1157	 	
Phosphorus	ppm	<b>1007</b>	 	
Barium	ppm	0	 	
Boron	ppm	0	 	
50.011	PPIII			

VOLVO PENTA

#### **ONE WATER YACHT GROUP**

101 N CLEMATIS ST, UNIT 150 WEST PALM BEACH, FL US 33401 Contact: NED DOZIER ned@owyg.com T: (443)995-0732 F:

### Diagnosis

No corrective action is recommended at this time. 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 acceptable for the time in service.

 Depot:
 VPONEWES

 Unique No:
 10990931

 Signed:
 Sean Felton

 Report Date:
 24 Apr 2024

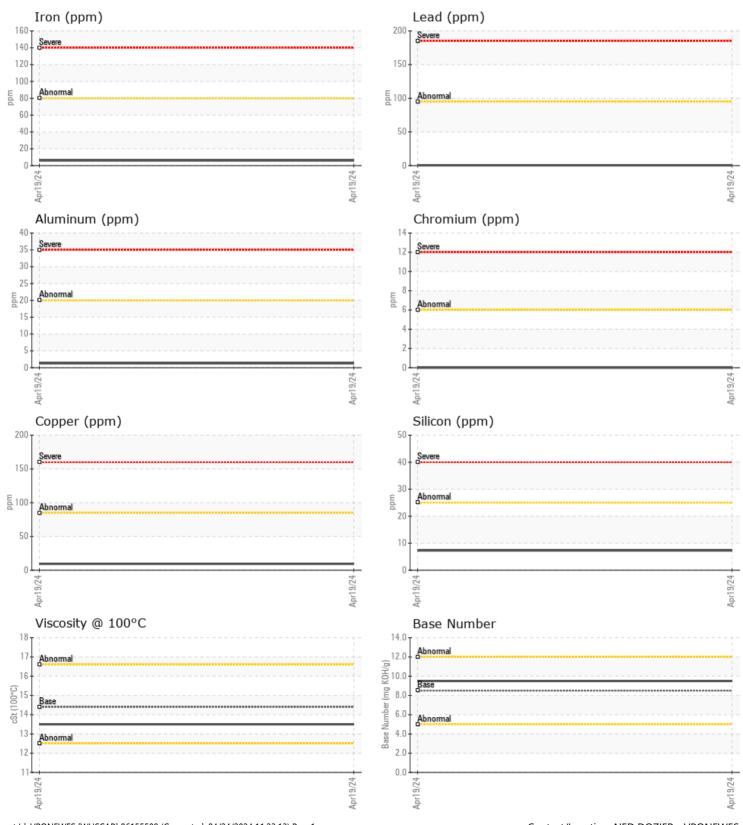
Report Id: VPONEWES [WUSCAR] 06155508 (Generated: 04/24/2024 11:23:10) Rev: 1

Contact/Location: NED DOZIER - VPONEWES

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPONEWES [WUSCAR] 06155508 (Generated: 04/24/2024 11:23:13) Rev: 1

Contact/Location: NED DOZIER - VPONEWES