## **OIL ANALYSIS REPORT**

### SEAVIEW NORTH 6408 VOLVO PENTA D6-435 A998424 - STARBOARD DIESEL ENGINE

Sample No: VPA060541

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION

Sample Number		VPA060541	 	
Sample Date		26 Oct 2023	 	
Machine Hours		140	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)	mg KOH/g	<b>10.2</b>	 	
Oxidation (PA)	%	54	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	39	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR METALS				

#### WEAR METALS

Iron	ppm	31	 	
Copper	ppm	2	 	
Lead	ppm	□<1	 	
Tin	ppm	■<1	 	
Aluminum	ppm	<b>15</b>	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	58	 	
Nickel	ppm	■<1	 	
Titanium	ppm	0	 	
Silver	ppm	■ <1	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

#### ADDITIVES

Calcium	ppm	<b>1003</b>	 	
Magnesium	ppm	878	 	
Zinc	ppm	<b>1154</b>	 	
Phosphorus	ppm	983	 	
Barium	ppm	4	 	
Boron	ppm	2	 	

Northwest Diesel Power

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: TRAVIS THOMAS ttdiesel@yahoo.com T: (360)739-9525 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:
 VP759009

 Unique No:
 10723242

 Signed:
 Don Baldridge

 Report Date:
 02 Nov 2023

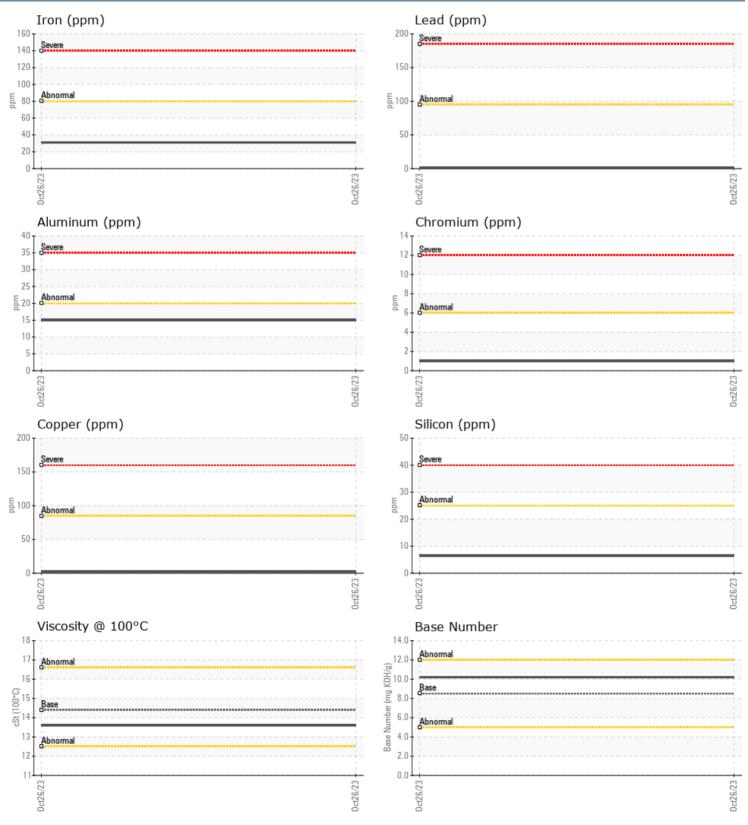
Contact/Location: TRAVIS THOMAS - VP759009



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP759009 [WUSCAR] 05994882 (Generated: 11/03/2023 12:14:53) Rev: 1

Contact/Location: TRAVIS THOMAS - VP759009