

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 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	---	---	---

### Northwest Diesel Power

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

### OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	54	---	---	---

### 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.

### 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

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 58	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1003	---	---	---
Magnesium	ppm	█ 878	---	---	---
Zinc	ppm	█ 1154	---	---	---
Phosphorus	ppm	█ 983	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VP759009  
Unique No: 10723242  
Signed: Don Baldrige  
Report Date: 02 Nov 2023

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## GRAPHS

