

OIL ANALYSIS REPORT

**VOLVO
PENTA**

SEAVIEW NORTH 6408 ZF ZF220 20303079 - INBOARD - STARBOARD GEARBOX

Sample No: VPA060542

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA060542	---	---	---
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 @ 40°C	cSt	■ 85.7	---	---	---
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CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	■ 48	---	---	---
Copper	ppm	■ 140	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 37	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2900	---	---	---
Magnesium	ppm	■ 242	---	---	---
Zinc	ppm	■ 1166	---	---	---
Phosphorus	ppm	■ 932	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 297	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP759009
Unique No: 10723486
Signed: Sean Felton
Report Date: 02 Nov 2023

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GRAPHS

