

OIL ANALYSIS REPORT

**VOLVO
PENTA**

NW MARITIME 7717835 VOLVO PENTA 2003016330 - INBOARD - STARBOARD GEARBOX

Sample No: VPA055480

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA055480	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	1278	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: MARINE SERVICES

MarineService@pacificpowergroup.com

T: (253)520-5151

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 30.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 7	---	---	---

WEAR METALS

PQ		■ 52	---	---	---
Iron	ppm	■ 79	---	---	---
Copper	ppm	■ 39	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	39	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	189	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	95	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99031103

Unique No: 10777930

Signed: Don Baldrige

Report Date: 10 Dec 2023

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GRAPHS

