

OIL ANALYSIS REPORT

VOLVO PENTA

GREG SHALER 502336 ZF 51220253796 - INBOARD - CENTER GEARBOX

Sample No: VPA058264

Oil Type: CHEVRON SYN ATF HD

SAMPLE INFORMATION

Sample Number	VPA058264	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	974	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

North Harbor Diesel Inc

720 30Th Street
ANACORTES, WA
US 98221
Contact: ROBBIN MURDOCK
robbin@northharbordiesel.com
T: (360)299-1904
F:

OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

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

ADDITIVES

Calcium	ppm	■ 74	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 220	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 106	---	---	---

Depot: VP179089
Unique No: 10753434
Signed: Don Baldrige
Report Date: 24 Nov 2023

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GRAPHS

