

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CHRIS MCBRIDE 6634 VOLVO PENTA HS63AE-C 51220186852 - INBOARD GEARBOX**

**Sample No:** VPA060821

**Oil Type:** DEXRON III

## SAMPLE INFORMATION

Sample Number	VPA060821	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	552	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

**Northwest Diesel Power**  
1325 ROEDER AVE SUITE 103  
BELLINGHAM, WA  
US 98225  
Contact: BRANDON ROBERTSON  
parts@nwdieselpower.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 30.8	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

## Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The aluminum level is abnormal. All other 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		■ 28	---	---	---
Iron	ppm	■ 12	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	● 103	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 134	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 23	---	---	---
Phosphorus	ppm	■ 214	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 92	---	---	---

**Depot:** VP759009  
**Unique No:** 10992557  
**Signed:** Jonathan Hester  
**Report Date:** 25 Apr 2024

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## GRAPHS

