

OIL ANALYSIS REPORT

VOLVO PENTA

KEVIN SMITH YANMAR YANMAR - INBOARD - CENTER GEARBOX

Sample No: VPA045840
Oil Type: GEAR OIL SAE 80

SAMPLE INFORMATION

Sample Number	VPA045840	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	1200	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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	■ 82.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 7	---	---	---
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		■ 27	---	---	---
Iron	ppm	■ 31	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 66	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 39	---	---	---
Phosphorus	ppm	■ 1065	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 187	---	---	---

Depot: VP759009
Unique No: 10587532
Signed: Don Baldrige
Report Date: 06 Aug 2023

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GRAPHS

