

OIL ANALYSIS REPORT

VOLVO PENTA

ZF 20325866 - INBOARD - PORT GEARBOX

Sample No: VPA060687

Oil Type: SAE 80

SAMPLE INFORMATION

Sample Number	VPA060687	---	---	---
Sample Date	17 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALL SYSTEMS MARINE

700 MYRICK ST
PENSACOLA, FL
US 32505
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T: (228)218-7963
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 69.2	---	---	---
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CONTAMINATION

Water	%	▲ 0.282	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 39	---	---	---
Iron	ppm	■ 42	---	---	---
Copper	ppm	■ 112	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 26	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 3712	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 1271	---	---	---
Phosphorus	ppm	■ 1097	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 351	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99220003
Unique No: 11044758
Signed: Jonathan Hester
Report Date: 28 May 2024

OIL ANALYSIS REPORT



GRAPHS

