

OIL ANALYSIS REPORT

VOLVO PENTA

ZF 20021572 - INBOARD - PORT GEARBOX

Sample No: VPA058161

Oil Type: SAE 40W

SAMPLE INFORMATION

Sample Number	VPA058161	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	1100	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 84.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		18	---	---	---
Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 107	---	---	---
Lead	ppm	▲ 90	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 41	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1514	---	---	---
Magnesium	ppm	■ 391	---	---	---
Zinc	ppm	■ 891	---	---	---
Phosphorus	ppm	■ 815	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 196	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead 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.

Depot: VP705283
Unique No: 11034496
Signed: Sean Felton
Report Date: 21 May 2024

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GRAPHS

