

OIL ANALYSIS REPORT

VOLVO PENTA

VPA050857 - OUTDRIVE - PORT GEARBOX

Sample No: VPA050857

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	VPA050857	---	---	---
Sample Date	14 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 21	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 23	---	---	---
Iron	ppm	▲ 764	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 56	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 50	---	---	---
Phosphorus	ppm	█ 1499	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 155	---	---	---

Steve's Marine Service West

255 S. Ketcham Ave.

AMITYVILLE, NY

US 11701

Contact: Steven Stavracos

steve@stevesmarine.com

T: (631)264-1600

F: (631).26-4.1601

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP610610

Unique No: 10977729

Signed: Jonathan Hester

Report Date: 16 Apr 2024

OIL ANALYSIS REPORT



GRAPHS

