

OIL ANALYSIS REPORT

VOLVO PENTA

KURT SCHILL GARRET CASSIDY VOLVO PENTA 3940018688 - PORT IPS

Sample No: VPA036350
Oil Type: VOLVO GL-5 90W

SAMPLE INFORMATION

Sample Number	VPA036350	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	570	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Michigan Yachtcrafters Inc
31785 S. River Road
HARRISON TOWNSHIP, MI
US 48045
Contact: Garrett Cassidy
michiganyachtservice@gmail.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 107	---	---	---
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CONTAMINATION

Water	%	■ 0.182	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 46	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2	---	---	---
Magnesium	ppm	27	---	---	---
Zinc	ppm	1	---	---	---
Phosphorus	ppm	1363	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	318	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP151756
Unique No: 11099772
Signed: Doug Bogart
Report Date: 28 Jun 2024

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GRAPHS

