

OIL ANALYSIS REPORT

VOLVO PENTA

40341 HURTH 20055127 - INBOARD - PORT GEARBOX

Sample No: VPA051252

Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION

Sample Number	VPA051252	---	---	---
Sample Date	12 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

TRUE NORTH MARINE

1206 MARINA BAY DR
CLEAR LAKE SHORES, TX
US 77565

Contact: Eric Basdekis
e.basdekis@truenorth-marine.com

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 88.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 8	---	---	---

Diagnosis

Resample at the next service interval to monitor. The copper 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.

WEAR METALS

PQ		■ 24	---	---	---
Iron	ppm	■ 47	---	---	---
Copper	ppm	▲ 366	---	---	---
Lead	ppm	■ 14	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 10	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 98	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 3767	---	---	---
Magnesium	ppm	■ 17	---	---	---
Zinc	ppm	■ 1212	---	---	---
Phosphorus	ppm	■ 1009	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 8	---	---	---

Depot: VP975860
Unique No: 11076478
Signed: Angela Borella
Report Date: 14 Jun 2024

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GRAPHS

