

OIL ANALYSIS REPORT

**VOLVO
PENTA**

WANGEL VOLVO PENTA 3 100002917 - SEA ROCKET OUTDRIVE - CENTER GEARBOX

Sample No: VPA055008

Oil Type: SCHAEFFERS

SAMPLE INFORMATION

Sample Number	VPA055008	---	---	---
Sample Date	08 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	190	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 94.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 11	---	---	---
Iron	ppm	▲ 235	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 310	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 4	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 679	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 6	---	---	---

Edward's Marine and Sons
12741 Sunset Ave
OCEAN CITY, MD
US 21842
Contact: Laura Bartholme
edwardsmarine@comcast.net
T:
F:

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP551029
Unique No: 10589799
Signed: Doug Bogart
Report Date: 08 Aug 2023

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GRAPHS

