

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI CELENTANO VOLVO PENTA 5103918529Y - INBOARD GEARBOX

Sample No: VPA058274

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA058274	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	473	---	---	---
Oil Hours	473	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 79.8	---	---	---
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CONTAMINATION

Water	%	▲ 0.731	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 61	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 72	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1387	---	---	---
Magnesium	ppm	■ 772	---	---	---
Zinc	ppm	■ 898	---	---	---
Phosphorus	ppm	■ 838	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 112	---	---	---

Helmut's Marine Service

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T: x:

F: x:

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is unacceptable. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP152741

Unique No: 10791517

Signed: Sean Felton

Report Date: 19 Dec 2023

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GRAPHS

