

OIL ANALYSIS REPORT

VOLVO PENTA

TERRY JENSEN EVAN/502662 VOLVO PENTA A1195775 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA059641

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059641	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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service@coastalmarineengine.com
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OIL CONDITION

Visc @ 40°C	cSt	■ 98.5	---	---	---
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CONTAMINATION

Water	%	▲ 3.10	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 270	---	---	---
Potassium	ppm	■ 10	---	---	---

WEAR METALS

PQ		■ 29	---	---	---
Iron	ppm	● 272	---	---	---
Copper	ppm	■ 0	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	● 9	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 8	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	34	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 105	---	---	---
Magnesium	ppm	42	---	---	---
Zinc	ppm	■ 109	---	---	---
Phosphorus	ppm	■ 1453	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 157	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP794951
Unique No: 10996145
Signed: Don Baldrige
Report Date: 29 Apr 2024

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GRAPHS

