

OIL ANALYSIS REPORT

VOLVO PENTA

CHARLES COOPER 7716359 VOLVO PENTA 3020291011 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA056289

Oil Type: VALVOLINE 75W90

SAMPLE INFORMATION

Sample Number	VPA056289	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	416	---	---	---
Oil Hours	18	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 110	---	---	---
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CONTAMINATION

Water	%	▲ 0.374	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 26	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 16	---	---	---
Iron	ppm	▲ 177	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	22	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 9	---	---	---
Phosphorus	ppm	█ 1513	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 362	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99031103

Unique No: 10591327

Signed: Jonathan Hester

Report Date: 10 Aug 2023

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GRAPHS

