

OIL ANALYSIS REPORT

VOLVO PENTA

WEILANDW 3194008155 - PORT TRANSMISSION (MANUAL)

Sample No: VPA055726

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055726	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	1917	---	---	---
Oil Hours	120	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

101 MARINE REPAIR

969 KEITH RD
GIBSONS, BC
CA V0N 1V7
Contact: Gary Mulligan
gary@101marinerepair.com
T: (604)989-6301
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 101	---	---	---
Visc @ 100°C	cSt	█ 14.1	---	---	---
Viscosity Index (VI)	Scale	142	---	---	---

CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 21	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 13	---	---	---
Iron	ppm	▲ 365	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	▲ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	█ 1412	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 243	---	---	---

Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron and nickel ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP99258814
Unique No: 5632618
Signed: Kevin Marson
Report Date: 01 Sep 2023

OIL ANALYSIS REPORT

GRAPHS

