

OIL ANALYSIS REPORT

VOLVO PENTA

NOT GIVEN VPA055272 - STERNDRIVE (S/N NO INFO ON SIF/BOTTLE) - STARBOARD GEARBOX

Sample No: VPA055272

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055272	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 106	---	---	---
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CONTAMINATION

Water	%	▲ 0.503	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 77	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	● 1067	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 7	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 13	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 10	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 92	---	---	---
Phosphorus	ppm	■ 1898	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 396	---	---	---

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153457
Unique No: 10616271
Signed: Jonathan Hester
Report Date: 24 Aug 2023

OIL ANALYSIS REPORT



GRAPHS

