

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3020298420 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA055684

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055684	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 171	---	---	---
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CONTAMINATION

Water	%	▲ 0.250	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 28	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 14	---	---	---
Magnesium	ppm	■ 821	---	---	---
Zinc	ppm	■ 35	---	---	---
Phosphorus	ppm	■ 1558	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 352	---	---	---

MARINE DIESEL SERVICES INC

1711 WHITTIER AVE, SUITE B

COSTA MESA, CA

US 92627

Contact: BEN ALMAZAN

marinedieselservices@outlook.com;BEN@MARINEDIESELSERVICE.COM

T: (949)612-8180

F: x:

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is hazy. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP288530

Unique No: 10942292

Signed: Jonathan Hester

Report Date: 28 Mar 2024

OIL ANALYSIS REPORT



GRAPHS

