

OIL ANALYSIS REPORT

**VOLVO
PENTA**

PERDIKIS ZF 20046818 - STARBOARD TRANSMISSION

Sample No: VPA060285
Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION

Sample Number	VPA060285	---	---	---
Sample Date	06 Oct 2023	---	---	---
Machine Hours	1659	---	---	---
Oil Hours	70	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 67.9	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 20	---	---	---
Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 287	---	---	---
Lead	ppm	█ 7	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 73	---	---	---
Nickel	ppm	< 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1508	---	---	---
Magnesium	ppm	█ 429	---	---	---
Zinc	ppm	█ 932	---	---	---
Phosphorus	ppm	█ 833	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 210	---	---	---

FULL KEEL MARINE SERVICES
314 LEGION AVE
ANNAPOLIS, MD
US 21401
Contact: Service Manager
FULLKEELMARINESERIVES@GMAIL.COM
T: (410)507-3542
F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VP1298996
Unique No: 10687150
Signed: Doug Bogart
Report Date: 12 Oct 2023

OIL ANALYSIS REPORT



GRAPHS

