

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940027696 - STARBOARD IPS

Sample No: VPA058154

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058154	---	---	---
Sample Date	06 Mar 2024	---	---	---
Machine Hours	25	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 100.8	---	---	---
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CONTAMINATION

Water	%	▲ 0.195	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 34	---	---	---
Iron	ppm	▲ 300	---	---	---
Copper	ppm	■ 27	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 13	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 11	---	---	---
Magnesium	ppm	■ 44	---	---	---
Zinc	ppm	■ 96	---	---	---
Phosphorus	ppm	■ 1301	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 195	---	---	---

Diagnosis

We advise that you check for the source of water entry. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 10916830
Signed: Doug Bogart
Report Date: 08 Mar 2024

OIL ANALYSIS REPORT

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GRAPHS

