

OIL ANALYSIS REPORT

VOLVO PENTA

DAVISON 534984 VOLVO PENTA 3940017664 - PORT IPS

Sample No: VPA062682

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062682	---	---	---
Sample Date	28 Jun 2024	---	---	---
Machine Hours	900	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

Jas Marine Service Inc

3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315

Contact: JASON TOLEDO
jason@jasmarine.com

T: (954)462-1112

F:

OIL CONDITION

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

Water	%	▲ 2.92	---	---	---
Silicon	ppm	■ 24	---	---	---
Sodium	ppm	● 286	---	---	---
Potassium	ppm	■ 14	---	---	---

WEAR METALS

PQ		■ 52	---	---	---
Iron	ppm	● 473	---	---	---
Copper	ppm	● 37	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminium	ppm	■ 8	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 26	---	---	---
Magnesium	ppm	■ 50	---	---	---
Zinc	ppm	■ 91	---	---	---
Phosphorus	ppm	■ 1435	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 277	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a high concentration of water present in the oil. The high sodium (Na) level indicates the possible presence of salt water. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP426065

Unique No: 11111368

Signed: Don Baldrige

Report Date: 07 Jul 2024

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GRAPHS

