

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940021880 - CENTER IPS

Sample No: VPA058165

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058165	VPA04282415	---	---
Sample Date	08 Mar 2024	09 Aug 2017	---	---
Machine Hours	2111	517	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: JOSHUA
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OIL CONDITION

Visc @ 40°C	cSt	█ 104.4	█ 107.2	---	---
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CONTAMINATION

Water	%	▲ 0.727	NEG	---	---
Silicon	ppm	█ 16	█ 7	---	---
Sodium	ppm	█ 67	█ 5	---	---
Potassium	ppm	█ 3	█ 7	---	---

WEAR METALS

PQ		█ 25	█ 17	---	---
Iron	ppm	▲ 275	█ 9	---	---
Copper	ppm	█ 21	█ 1	---	---
Lead	ppm	<1	█ <1	---	---
Tin	ppm	<1	█ 7	---	---
Aluminum	ppm	█ 14	█ 0	---	---
Chromium	ppm	█ 2	<1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 3	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 4	█ 3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 11	█ 6	---	---
Magnesium	ppm	█ 11	█ 136	---	---
Zinc	ppm	█ 29	█ 3	---	---
Phosphorus	ppm	█ 1343	█ 1306	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 294	█ 308	---	---

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. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP705283
Unique No: 10923578
Signed: Doug Bogart
Report Date: 11 Mar 2024

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GRAPHS

