

OIL ANALYSIS REPORT

VOLVO PENTA

PAULINA AZIMUT 43 VOLVO PENTA 3020304906 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA052172

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA052172	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	1419	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 109.7	---	---	---
-------------	-----	---------	-----	-----	-----

CONTAMINATION

Water	%	▲ 0.633	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 65	---	---	---
Potassium	ppm	█ 13	---	---	---

WEAR METALS

PQ		█ 14	---	---	---
Iron	ppm	▲ 397	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 28	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 9	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 15	---	---	---
Magnesium	ppm	█ 33	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 1398	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 334	---	---	---

Marine International Diesels Inc.

3600 HACIENDA BLVD UNIT G
DAVIE, FL
US 33314
Contact: ASHANTI BURKE
aburke@midiflorida.com
T: (954)761-1086
F: (954)761-1186

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. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP694356
Unique No: 10969657
Signed: Doug Bogart
Report Date: 10 Apr 2024

OIL ANALYSIS REPORT

GRAPHS

