

OIL ANALYSIS REPORT

VOLVO PENTA

FRAMPTON VOLVO PENTA 3200002284 - PORT IPS

Sample No: VPA057433

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057433	---	---	---
Sample Date	05 Jun 2024	---	---	---
Machine Hours	498	---	---	---
Oil Hours	300	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	▲ 118	---	---	---
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CONTAMINATION

Water	%	▲ 7.23	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 54	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 30	---	---	---
Iron	ppm	■ 113	---	---	---
Copper	ppm	■ 14	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	▲ 4	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 44	---	---	---
Magnesium	ppm	■ 33	---	---	---
Zinc	ppm	■ 32	---	---	---
Phosphorus	ppm	■ 1628	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 241	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The tin level is abnormal. All other component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP153685
Unique No: 11071099
Signed: Angela Borella
Report Date: 12 Jun 2024

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GRAPHS

