

OIL ANALYSIS REPORT

VOLVO PENTA

DON GAVIOLI VOLVO PENTA VOLVO PENTA IPS - DON GAVIOLI (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA045746

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA045746	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

McDonnell Marine Service

63 Old Windsor Rd.

BLOOMFIELD, CT

US 06002-1404

Contact: Brian McDonnell

brmcdonnell@comcast.net

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
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CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 26	---	---	---
Iron	ppm	█ 67	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 94	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 1370	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 351	---	---	---

Depot: VP153357

Unique No: 10576245

Signed: Jonathan Hester

Report Date: 31 Jul 2023

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GRAPHS

