

OIL ANALYSIS REPORT

**VOLVO
PENTA**

NADINE URCIUOLI BEAU LAYNE VOLVO PENTA 2004029199 - STARBOARD GEARBOX

Sample No: VPA053023

Oil Type: VOLVO PENTA GL-5 SAE 75W140

SAMPLE INFORMATION

Sample Number	VPA053023	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	1156	---	---	---
Oil Hours	1156	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Helmut's Marine Service

619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URCIUOLI
SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 0	---	---	---

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		█ 20	---	---	---
Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 686	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	█ 1410	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 237	---	---	---

Depot: VP152741

Unique No: 10994842

Signed: Jonathan Hester

Report Date: 26 Apr 2024

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GRAPHS

