

OIL ANALYSIS REPORT

VOLVO PENTA

NADINE URCIUOLI - LANG LANG VOLVO PENTA 3940023067 - STARBOARD IPS

Sample No: VPA055952

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055952	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	307	---	---	---
Oil Hours	307	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 106.8	---	---	---
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CONTAMINATION

Silicon	ppm	8	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

PQ		█ 14	---	---	---
Iron	ppm	█ 13	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1398	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 375	---	---	---

Helmut's Marine Service

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

Diagnosis

No corrective action is recommended at this time. 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.

Depot: VP152741
Unique No: 10608492
Signed: Doug Bogart
Report Date: 18 Aug 2023

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GRAPHS

