

OIL ANALYSIS REPORT

VOLVO PENTA

WIESS VOLVO PENTA 3194006996 - STARBOARD IPS

Sample No: VPA059866

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059866	VPA035245	---	---
Sample Date	24 Jan 2024	31 Oct 2021	---	---
Machine Hours	530	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

Strong's Marine Inc.
2400 CAMP MINEOLA RD
MATTITUCK, NY
US 11952
Contact: Will Bartesch
will@strongsmarine.com
T: x:
F: x:

OIL CONDITION

Visc @ 40°C	cSt	█ 113	█ 109	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	9	---	---
Sodium	ppm	█ 3	█ 3	---	---
Potassium	ppm	█ <1	█ 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		█ 11	█ 25	---	---
Iron	ppm	█ 20	█ 73	---	---
Copper	ppm	2	5	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	<1	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ <1	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 40	24	---	---
Magnesium	ppm	█ 2	<1	---	---
Zinc	ppm	█ 16	14	---	---
Phosphorus	ppm	█ 1241	1325	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 292	371	---	---

Depot: VP154365
Unique No: 10847390
Signed: Don Baldrige
Report Date: 28 Jan 2024

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GRAPHS

