

OIL ANALYSIS REPORT

VOLVO PENTA

BARRY SCHULER VOLVO PENTA 7011329020 - STARBOARD IPS

Sample No: VPA029927
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA029927	VPA021156	---	---
Sample Date	13 Nov 2023	01 Nov 2022	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGS YACHT CENTER

5780 W MILL RD
MATTITUCK, NY
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OIL CONDITION

Visc @ 40°C	cSt	█ 107	█ 115	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	3	---	---
Sodium	ppm	█ <1	█ 9	---	---
Potassium	ppm	█ 2	█ 9	---	---

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		█ 28	█ 16	---	---
Iron	ppm	█ 35	█ 30	---	---
Copper	ppm	5	6	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	2	3	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 34	█ 0	---	---
Magnesium	ppm	█ 12	█ 8	---	---
Zinc	ppm	█ 28	█ 29	---	---
Phosphorus	ppm	█ 1221	635	---	---
Barium	ppm	█ 30	█ 0	---	---
Boron	ppm	█ 349	█ 105	---	---

Depot: VP1126820
Unique No: 10749504
Signed: Sean Felton
Report Date: 28 Nov 2023

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GRAPHS

