

OIL ANALYSIS REPORT

VOLVO PENTA

HINKLEY YACHTS 44568 VOLVO PENTA 3950005522 - STARBOARD IPS

Sample No: VPA055177

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

SAMPLE INFORMATION

Sample Number	VPA055177	VPA037677	---	---
Sample Date	13 Mar 2024	22 Dec 2021	---	---
Machine Hours	542	379	---	---
Oil Hours	36	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	█ <1	█ <1	---	---
Potassium	ppm	█ 0	█ 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. Confirm oil type. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 14	█ 19	---	---
Iron	ppm	█ 18	█ 34	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 0	█ 1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 25	█ 8	---	---
Magnesium	ppm	█ 5	27	---	---
Zinc	ppm	14	█ 2	---	---
Phosphorus	ppm	█ 1165	█ 1405	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 293	█ 382	---	---

Depot: VP568144

Unique No: 10930001

Signed: Don Baldrige

Report Date: 20 Mar 2024

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GRAPHS

