

OIL ANALYSIS REPORT

VOLVO PENTA

WILLIAM HOVERLAND 43087 VOLVO PENTA 3200001128 - STARBOARD IPS

Sample No: VPA048577

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048577	VPA047454	---	---
Sample Date	29 Jun 2023	03 Aug 2022	---	---
Machine Hours	475	369	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	MARGINAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 108	█ 89.8	---	---
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CONTAMINATION

Silicon	ppm	█ 1	█ 9	---	---
Sodium	ppm	█ 3	█ 14	---	---
Potassium	ppm	█ 4	█ 4	---	---

WEAR METALS

PQ		█ 22	█ 22	---	---
Iron	ppm	█ 112	█ 168	---	---
Copper	ppm	█ 18	▲ 36	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	█ 1	█ 9	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 2	█ 3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	█ 2	█ 6	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 9	█ 26	---	---
Magnesium	ppm	█ 82	█ 766	---	---
Zinc	ppm	█ 10	█ 19	---	---
Phosphorus	ppm	█ 1378	█ 1514	---	---
Barium	ppm	█ 0	█ 1	---	---
Boron	ppm	█ 195	█ 214	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD
CHARLESTON, SC
US 29403
Contact: STEVE VASAS
steve@ccyachtsales.com

T:
F:

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: VP568144
Unique No: 10549811
Signed: Sean Felton
Report Date: 11 Jul 2023

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GRAPHS

