

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950005175 - STARBOARD IPS

Sample No: VPA059672

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059672	VPA055814	---	---
Sample Date	07 Feb 2024	17 May 2023	---	---
Machine Hours	1100	1036	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
info@suncoastdmi.com
T: (941)342-0033
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 105	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	█ 4	█ 9	---	---
Potassium	ppm	█ <1	█ 2	---	---

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		█ 15	█ 13	---	---
Iron	ppm	█ 21	█ 48	---	---
Copper	ppm	6	5	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 2	█ 4	---	---
Magnesium	ppm	█ 2	█ 7	---	---
Zinc	ppm	█ 9	█ 34	---	---
Phosphorus	ppm	█ 1415	█ 1346	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 299	█ 313	---	---

Depot: VP705283
Unique No: 10875814
Signed: Sean Felton
Report Date: 15 Feb 2024

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GRAPHS

