

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940022113 - STARBOARD IPS

Sample No: VPA058168

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058168	VPA04282414	---	---
Sample Date	08 Mar 2024	09 Aug 2017	---	---
Machine Hours	1352	532	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: JOSHUA
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OIL CONDITION

Visc @ 40°C	cSt	█ 103.1	█ 106.2	---	---
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CONTAMINATION

Water	%	█ 0.191	NEG	---	---
Silicon	ppm	█ 9	█ 7	---	---
Sodium	ppm	█ 3	█ 5	---	---
Potassium	ppm	█ 0	█ 4	---	---

WEAR METALS

PQ		█ 23	█ 20	---	---
Iron	ppm	█ 102	█ 11	---	---
Copper	ppm	█ 6	█ 2	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	<1	█ 6	---	---
Aluminum	ppm	█ 1	█ 0	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 1	<1	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 1	█ 5	---	---
Vanadium	ppm	█ 0	0	---	---

ADDITIVES

Calcium	ppm	█ 5	█ 4	---	---
Magnesium	ppm	█ 3	█ 94	---	---
Zinc	ppm	█ 4	█ 2	---	---
Phosphorus	ppm	█ 1346	█ 1316	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 304	█ 302	---	---

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 a trace of moisture present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 10923576
Signed: Doug Bogart
Report Date: 11 Mar 2024

OIL ANALYSIS REPORT



GRAPHS

