

OIL ANALYSIS REPORT

VOLVO PENTA

ZF 20347981 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057364

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA057364	---	---	---
Sample Date	11 Mar 2024	---	---	---
Machine Hours	1122	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALL SYSTEMS MARINE

700 MYRICK ST
PENSACOLA, FL
US 32505
Contact: TRISTAN JOHNSON
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T: (228)218-7963
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 82.6	---	---	---
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CONTAMINATION

Water	%	■ 0.058	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 24	---	---	---
Iron	ppm	■ 18	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	3368	---	---	---
Magnesium	ppm	■ 208	---	---	---
Zinc	ppm	■ 864	---	---	---
Phosphorus	ppm	■ 859	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

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.

Depot: VP99220003
Unique No: 10924961
Signed: Jonathan Hester
Report Date: 14 Mar 2024

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GRAPHS

