

OIL ANALYSIS REPORT

VOLVO PENTA

CLARKE BALLISTIC SHINE VOLVO PENTA 51220243789 - INBOARD - GEARBOX

Sample No: VPA041114

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA041114	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	86	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St
OLDSMAR, FL
US 34677
Contact: MARK WARREN
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T: (813)475-5942
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OIL CONDITION

Visc @ 40°C	cSt	■ 27.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 53	---	---	---
Copper	ppm	■ 55	---	---	---
Lead	ppm	● 399	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 47	---	---	---
Magnesium	ppm	■ 53	---	---	---
Zinc	ppm	■ 344	---	---	---
Phosphorus	ppm	■ 366	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 35	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Clutch wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP945077
Unique No: 10668432
Signed: Jonathan Hester
Report Date: 28 Sep 2023

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GRAPHS

