

OIL ANALYSIS REPORT

**VOLVO
PENTA**

WIDTER DYNA 63-16 JC ZF 20393129 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057079

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA057079	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	157	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

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		█ 21	---	---	---
Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 64	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminium	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	3231	---	---	---
Magnesium	ppm	251	---	---	---
Zinc	ppm	1007	---	---	---
Phosphorus	ppm	909	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	78	---	---	---

Depot: VP153685
Unique No: 10816493
Signed: Angela Borella
Report Date: 04 Jan 2024

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GRAPHS

