

OIL ANALYSIS REPORT

VOLVO PENTA

CARNAGGIO VOLVO PENTA 3200002428 - PORT IPS

Sample No: VPA026785
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA026785	VPA020929	---	---
Sample Date	01 Jun 2024	11 Jul 2023	---	---
Machine Hours	265	194	---	---
Oil Hours	50	40	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

Outstanding Marine
PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
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T:
F:

OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 1	4	---	---
Sodium	ppm	█ 2	<1	---	---
Potassium	ppm	█ 0	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		█ 21	█ 16	---	---
Iron	ppm	█ 127	▲ 202	---	---
Copper	ppm	█ 6	9	---	---
Lead	ppm	█ 0	0	---	---
Tin	ppm	█ 0	0	---	---
Aluminum	ppm	█ 3	6	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 1	█ 3	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 8	4	---	---
Magnesium	ppm	█ <1	0	---	---
Zinc	ppm	█ 44	91	---	---
Phosphorus	ppm	█ 1546	1364	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 348	299	---	---

Depot: VP153685
Unique No: 11071101
Signed: Angela Borella
Report Date: 12 Jun 2024

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GRAPHS

