

OIL ANALYSIS REPORT

**VOLVO
PENTA**

DUNBECK 500-257 JC VOLVO PENTA 3940026419 - STARBOARD IPS

Sample No: VPA057088

Oil Type: VOLVO 90W

SAMPLE INFORMATION

Sample Number	VPA057088	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	798	---	---	---
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	■ 105	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 33	---	---	---
Iron	ppm	■ 139	---	---	---
Copper	ppm	10	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1338	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	289	---	---	---

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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP153685
Unique No: 10816464
Signed: Doug Bogart
Report Date: 04 Jan 2024

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GRAPHS

