

OIL ANALYSIS REPORT

VOLVO PENTA

DONALD CHASMAR 506155 ZF 130520295173 - INBOARD - STARBOARD GEARBOX

Sample No: VPA056328

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA056328	VPA048584	---	---
Sample Date	18 Apr 2024	09 Oct 2023	---	---
Machine Hours	557	557	---	---
Oil Hours	3	218	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 71.5	■ 87.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 8	■ 9	---	---
Sodium	ppm	■ 3	■ 0	---	---
Potassium	ppm	■ 2	■ 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		■ 32	■ 39	---	---
Iron	ppm	■ 27	■ 56	---	---
Copper	ppm	■ 31	■ 76	---	---
Lead	ppm	■ 2	■ 4	---	---
Tin	ppm	■ 1	■ 1	---	---
Aluminum	ppm	■ 4	■ 7	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	31	43	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	2381	3365	---	---
Magnesium	ppm	236	91	---	---
Zinc	ppm	943	1188	---	---
Phosphorus	ppm	963	1043	---	---
Barium	ppm	0	0	---	---
Boron	ppm	177	368	---	---

Depot: VP297371

Unique No: 10993429

Signed: Don Baldrige

Report Date: 25 Apr 2024

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GRAPHS

