

OIL ANALYSIS REPORT

VOLVO PENTA

ZF 20206610 - INBOARD - STARBOARD GEARBOX

Sample No: VPA058454

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA058454	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1184	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

JOHNSTONS MARINE SERVICES
1850 NW 15th AVENUE, SUITE 205
POMPANO BEACH, FL
US 33069
Contact: NEIL JOHNSTON
neil@1jms.com
T: (984)448-0813
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 97.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 26	---	---	---
Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 47	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 6	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2838	---	---	---
Magnesium	ppm	■ 462	---	---	---
Zinc	ppm	■ 1096	---	---	---
Phosphorus	ppm	■ 1023	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 97	---	---	---

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: VPJOHDEE
Unique No: 11089982
Signed: Sean Felton
Report Date: 24 Jun 2024

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GRAPHS

