

OIL ANALYSIS REPORT

VOLVO PENTA

SEA WOLF SEA WOLF ZF 20290892 - INBOARD - GEARBOX

Sample No: VPA036212

Oil Type: TOTAL

SAMPLE INFORMATION

Sample Number	VPA036212	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	301	---	---	---
Oil Hours	301	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 71.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 24	---	---	---
Iron	ppm	■ 70	---	---	---
Copper	ppm	■ 159	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminium	ppm	■ 5	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4175	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1271	---	---	---
Phosphorus	ppm	1097	---	---	---
Barium	ppm	6	---	---	---
Boron	ppm	27	---	---	---

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.

Depot: VP288530
Unique No: 10754566
Signed: Jonathan Hester
Report Date: 27 Nov 2023

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GRAPHS

