

OIL ANALYSIS REPORT



BLUE FINN ZF 20233944 - INBOARD - STARBOARD GEARBOX

Sample No: VPA053746

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA053746	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	1116	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

MARINE DIESEL SERVICES INC

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OIL CONDITION

Visc @ 40°C	cSt	■ 73.6	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 29	---	---	---
Iron	ppm	■ 51	---	---	---
Copper	ppm	■ 126	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 1024	---	---	---
Magnesium	ppm	■ 831	---	---	---
Zinc	ppm	■ 837	---	---	---
Phosphorus	ppm	■ 764	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

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: VP288530

Unique No: 11044752

Signed: Sean Felton

Report Date: 24 May 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

