

OIL ANALYSIS REPORT

VOLVO PENTA

ERIK ASKUSLAPPFISK EVAN/503072 VOLVO PENTA 3020312015 - STERNDRIVE - GEARBOX

Sample No: VPA061999

Oil Type: VOLVO PENTA GL-5 SAE 75W140

SAMPLE INFORMATION

Sample Number	VPA061999	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	3313	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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US 98107
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service@coastalmarineengine.com
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F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	▲ 103	---	---	---
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CONTAMINATION

Water	%	▲ 0.362	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	▲ 342	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 43	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 37	---	---	---
Phosphorus	ppm	■ 1444	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 325	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. There is a moderate concentration of water present in the oil. The oil viscosity is lower than normal. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP794951
Unique No: 11018946
Signed: Sean Felton
Report Date: 13 May 2024

OIL ANALYSIS REPORT



GRAPHS

