

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID SIGO AR502189 VOVLO PENTA 3100004646 - STERNDRIVE - GEARBOX

Sample No: VPA036862

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036862	---	---	---
Sample Date	08 Aug 2023	---	---	---
Machine Hours	587	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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US 98107
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service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	■ 86.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 19	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	▲ 202	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 49	---	---	---
Magnesium	ppm	■ 929	---	---	---
Zinc	ppm	■ 27	---	---	---
Phosphorus	ppm	■ 1519	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 560	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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: VP794951
Unique No: 10601764
Signed: Don Baldrige
Report Date: 12 Aug 2023

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GRAPHS

