

OIL ANALYSIS REPORT

VOLVO PENTA

PLATYPUS MARINE SAM VOLVO PENTA 310000622 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA055651
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055651	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 91.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 43	---	---	---
Potassium	ppm	■ 16	---	---	---

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.

WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	▲ 190	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 13	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 63	---	---	---
Magnesium	ppm	■ 845	---	---	---
Zinc	ppm	■ 29	---	---	---
Phosphorus	ppm	■ 1928	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 230	---	---	---

Depot: VP794951
Unique No: 10553529
Signed: Don Baldrige
Report Date: 17 Jul 2023

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GRAPHS

