

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE COMSTOCK AK502320 VOLVO PENTA A105243 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA048505

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048505	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	569	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 107	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 17	---	---	---
Iron	ppm	▲ 269	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 10	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 8	---	---	---
Phosphorus	ppm	■ 1327	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 314	---	---	---

Depot: VP794951
Unique No: 10620273
Signed: Don Baldrige
Report Date: 28 Aug 2023

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GRAPHS

