

OIL ANALYSIS REPORT

**VOLVO
PENTA**

BROOKS, HULITT 17737 VOLVO PENTA 3194006562 - STARBOARD IPS

Sample No: VPA059260

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059260	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	1262	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

W.W. WILLIAMS

156 ACRES DR

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 99.3	---	---	---
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CONTAMINATION

Water	%	▲ 0.825	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 47	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 192	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 75	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 48	---	---	---
Phosphorus	ppm	■ 358	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 28	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil is near the end of its useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1432938

Unique No: 10724771

Signed: Sean Felton

Report Date: 03 Nov 2023

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GRAPHS

