

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE CORAN VOLVO PENTA 3194008018 - PORT IPS

Sample No: VPA047980
Oil Type: VOLVO GEAR OIL

SAMPLE INFORMATION

Sample Number	VPA047980	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	640	---	---	---
Oil Hours	60	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 98.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 9	---	---	---
Iron	ppm	■ 180	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 16	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ <1	---	---	---

ADDITIVES

Calcium	ppm	■ 45	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 51	---	---	---
Phosphorus	ppm	■ 1441	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 393	---	---	---

MARINE EVOLUTIONS

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Diagnosis

Resample at the next service interval to monitor. All 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: vp446360
Unique No: 10589801
Signed: Doug Bogart
Report Date: 08 Aug 2023

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GRAPHS

