

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940026701 - IPS

Sample No: VPA053070

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053070	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

JOHNSTONS MARINE SERVICES
1850 NW 15th AVENUE, SUITE 205
POMPANO BEACH, FL
US 33069
Contact: NEIL JOHNSTON
neil@1jms.com
T: (984)448-0813
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 102	---	---	---
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CONTAMINATION

Water	%	▲ 0.688	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 84	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 33	---	---	---
Iron	ppm	▲ 481	---	---	---
Copper	ppm	■ 48	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 16	---	---	---
Magnesium	ppm	■ 30	---	---	---
Zinc	ppm	■ 28	---	---	---
Phosphorus	ppm	■ 1276	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 271	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VPJOHDEE
Unique No: 10990203
Signed: Don Baldrige
Report Date: 23 Apr 2024

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**VOLVO
PENTA**

GRAPHS

