

OIL ANALYSIS REPORT

VOLVO PENTA

RICK PAUL VOLVO PENTA 3940027478 - STARBOARD IPS

Sample No: VPA060220

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060220	---	---	---
Sample Date	16 Nov 2023	---	---	---
Machine Hours	607	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

FLORIDA DETROIT DIESEL - 531006 - 1125774
1128 CHESTNUT AVE
PANAMA CITY, FL
US 32401
Contact: RICHARD ROBERTS
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 105	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	19	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	▲ 318	---	---	---
Copper	ppm	■ 43	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 18	---	---	---
Magnesium	ppm	■ 58	---	---	---
Zinc	ppm	■ 80	---	---	---
Phosphorus	ppm	■ 1377	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 126	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPFLOPAN
Unique No: 10753428
Signed: Don Baldrige
Report Date: 24 Nov 2023

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GRAPHS

