

OIL ANALYSIS REPORT

VOLVO PENTA

M/Y NOTORIOUS VOLVO PENTA 3940022213 - PORT IPS

Sample No: VPA035355
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA035355	---	---	---
Sample Date	22 Oct 2021	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ANTILLES POWER

1000 CARR 860
CAROLINA, PR
US 00987-7187
Contact: RUDY HERNANDEZ
r.hernandez@antillespower.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 30	---	---	---
Iron	ppm	● 305	---	---	---
Copper	ppm	■ 27	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 86	---	---	---
Magnesium	ppm	■ 8	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 1361	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 266	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. 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: VP980886
Unique No: 9734190
Signed: Jonathan Hester
Report Date: 10 Nov 2021

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GRAPHS

