OIL ANALYSIS REPORT

VOLVO PENTA

3940021688 - PORT IPS

Sample No: VPA056493

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number		**VPA056493**	---	---	---
Sample Date		**09 Apr 2024**	---	---	---
Machine Hours		**0**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**SEVERE**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**110**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Silicon	ppm	**19**	---	---	---
Sodium	ppm	**26**	---	---	---
Potassium	ppm	**2**	---	---	---

WEAR METALS

PQ		**29**	---	---	---
Iron	ppm	**410**	---	---	---
Copper	ppm	**54**	---	---	---
Lead	ppm	**1**	---	---	---
Tin	ppm	**<1**	---	---	---
Aluminum	ppm	**4**	---	---	---
Chromium	ppm	**3**	---	---	---
Molybdenum	ppm	**2**	---	---	---
Nickel	ppm	**4**	---	---	---
Titanium	ppm	**<1**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**7**	---	---	---
Vanadium	ppm	**<1**	---	---	---

ADDITIVES

Calcium	ppm	**16**	---	---	---
Magnesium	ppm	**14**	---	---	---
Zinc	ppm	**54**	---	---	---
Phosphorus	ppm	**1360**	---	---	---
Barium	ppm	**1**	---	---	---
Boron	ppm	**233**	---	---	---

ADVANCED DIESEL
1029 INDUSTRIAL BLVD, UNIT 2
NAPLES, FL
US 34104
Contact: KEITH SPICER
keith_advanceddiesel@yahoo.com
T: (239)580-8731
F:

Diagnosis

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 no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VPADVNAP
Unique No: 10979088
Signed: Jonathan Hester
Report Date: 18 Apr 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS