

OIL ANALYSIS REPORT

VOLVO PENTA

3940015349 - STARBOARD IPS

Sample No: VPA056145

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056145	---	---	---
Sample Date	03 Jul 2023	---	---	---
Machine Hours	1026	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ADVANCED DIESEL

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

OIL CONDITION

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

Water	%	█ 0.198	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

PQ		█ 26	---	---	---
Iron	ppm	█ 61	---	---	---
Copper	ppm	█ 18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	25	---	---	---
Magnesium	ppm	█ 216	---	---	---
Zinc	ppm	█ 8	---	---	---
Phosphorus	ppm	█ 1536	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 411	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPADVNP
Unique No: 10589793
Signed: Doug Bogart
Report Date: 08 Aug 2023

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GRAPHS

