

OIL ANALYSIS REPORT

VOLVO PENTA

3940022161 - STARBOARD IPS

Sample No: VPA050790

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050790	VPA021465	---	---
Sample Date	27 Jul 2023	20 Jul 2023	---	---
Machine Hours	266	266	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

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

Silicon	ppm	█ 6	█ 8	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 0	█ 0	---	---

WEAR METALS

PQ		█ 17	█ 17	---	---
Iron	ppm	█ 29	█ 32	---	---
Copper	ppm	█ 2	█ 4	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	█ 0	█ 0	---	---

ADDITIVES

Calcium	ppm	█ 2	█ 46	---	---
Magnesium	ppm	█ 5	█ <1	---	---
Zinc	ppm	█ 0	█ 18	---	---
Phosphorus	ppm	█ 1400	█ 1487	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 330	█ 328	---	---

ADVANCED DIESEL

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

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPADVNP
Unique No: 10576963
Signed: Sean Felton
Report Date: 31 Jul 2023

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GRAPHS

