

OIL ANALYSIS REPORT

VOLVO PENTA

RVN VOLVO PENTA 3940016966 - STARBOARD IPS

Sample No: VPA045827

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA045827	VPA026412	---	---
Sample Date	22 Aug 2023	01 Jul 2020	---	---
Machine Hours	621	320	---	---
Oil Hours	50	50	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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	█ 107	█ 106	---	---
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CONTAMINATION

Silicon	ppm	█ 13	█ 31	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 4	█ <1	---	---

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.

WEAR METALS

PQ		█ 16	█ 23	---	---
Iron	ppm	█ 16	█ 46	---	---
Copper	ppm	█ 5	█ 3	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 3	█ <1	---	---
Vanadium	ppm	█ 0	█ 0	---	---

ADDITIVES

Calcium	ppm	█ 9	█ 6	---	---
Magnesium	ppm	█ 20	█ <1	---	---
Zinc	ppm	█ 7	█ 6	---	---
Phosphorus	ppm	█ 1312	█ 1222	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 327	█ 292	---	---

Depot: VPFLOPAN

Unique No: 10620277

Signed: Sean Felton

Report Date: 28 Aug 2023

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GRAPHS

