

OIL ANALYSIS REPORT

VOLVO PENTA

RANES RANES ONAN J190642654 - GENSET

Sample No: VPA039865

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA039865	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	68	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St

OLDSMAR, FL

US 34677

Contact: MARK WARREN

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	10.1	---	---	---
Oxidation (PA)	%	64	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 41	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1594	---	---	---
Magnesium	ppm	525	---	---	---
Zinc	ppm	█ 1130	---	---	---
Phosphorus	ppm	█ 877	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 66	---	---	---

Depot: VP945077

Unique No: 10805129

Signed: Sean Felton

Report Date: 27 Dec 2023

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GRAPHS

