

OIL ANALYSIS REPORT

**VOLVO
PENTA**

JOURNEY JOURNEY KOHLER 33F4GMLC0006 - PORT GENSET

Sample No: VPA051630

Oil Type: SHELL ROTELLA T6 5W40

SAMPLE INFORMATION

Sample Number	VPA051630	---	---	---
Sample Date	18 May 2024	---	---	---
Machine Hours	909	---	---	---
Oil Hours	909	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WINDSERVE MARINE

10 MACNAUGHT ST
NORTH KINGSTOWN, RI
US 02852

Contact: Ryan Linn

RyanL@windservemarine.com

T:

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.7	---	---	---
Base Number (BN)	mg KOH/g	█ 6.4	---	---	---
Oxidation (PA)	%	68	---	---	---

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 suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 5	---	---	---

WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 2015	---	---	---
Magnesium	ppm	█ 155	---	---	---
Zinc	ppm	█ 1203	---	---	---
Phosphorus	ppm	█ 1042	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 158	---	---	---

Depot: VPSENNOR

Unique No: 11059511

Signed: Jonathan Hester

Report Date: 11 Jun 2024

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GRAPHS

