

OIL ANALYSIS REPORT

VOLVO PENTA

BILL HEMMER 44785 ONAN 1220141153 - GENSET

Sample No: VPA058488

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Sample Number	VPA058488	---	---	---
Sample Date	22 Apr 2024	---	---	---
Machine Hours	226	---	---	---
Oil Hours	226	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	9.5	---	---	---
Oxidation (PA)	%	64	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	23	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	3	---	---	---

WEAR METALS

Iron	ppm	15	---	---	---
Copper	ppm	14	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	62	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1638	---	---	---
Magnesium	ppm	595	---	---	---
Zinc	ppm	910	---	---	---
Phosphorus	ppm	747	---	---	---
Barium	ppm	8	---	---	---
Boron	ppm	49	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

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Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.

Depot: VP568144

Unique No: 10996672

Signed: Sean Felton

Report Date: 29 Apr 2024

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GRAPHS

