

OIL ANALYSIS REPORT

VOLVO PENTA

WILLIAM HARTSELL 44853 VOLVO PENTA 70112021381 - PORT DIESEL ENGINE

Sample No: VPA054284

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION

Sample Number	VPA054284	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	304	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	9.1	---	---	---
Oxidation (PA)	%	57	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.4	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	15	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	3	---	---	---

WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	46	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	64	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1128	---	---	---
Magnesium	ppm	861	---	---	---
Zinc	ppm	1181	---	---	---
Phosphorus	ppm	1100	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	7	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

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Diagnosis

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: 11022868

Signed: Sean Felton

Report Date: 14 May 2024

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GRAPHS

