

OIL ANALYSIS REPORT

VOLVO PENTA

HILARY BURT ALAN VOLVO PENTA 200301577 - STARBOARD DIESEL ENGINE

Sample No: VPA06148342

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA06148342	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	1036	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

Precision Marine Center Llc
290 Drake Ave
NEW ROCHELLE, NY
US 10805
Contact: Marc Castellano
marc@precisionmarinecenter.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	66	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Ring and cylinder wear is indicated. 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 %	%	█ 0.2	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ 22	---	---	---

WEAR METALS

Iron	ppm	● 96	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	● 7	---	---	---
Molybdenum	ppm	█ 39	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1802	---	---	---
Magnesium	ppm	█ 400	---	---	---
Zinc	ppm	█ 1227	---	---	---
Phosphorus	ppm	█ 1046	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 51	---	---	---

Depot: VP850387
Unique No: 10978420
Signed: Jonathan Hester
Report Date: 17 Apr 2024

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

