

OIL ANALYSIS REPORT

**VOLVO
PENTA**

BLACKSTONE WESTERBEKE 355639RE - GENSET

Sample No: VPA049842

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA049842	---	---	---
Sample Date	22 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	10.41	---	---	---
Oxidation (PA)	%	41	---	---	---

CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	59	---	---	---
Sulfation (PA)	%	45	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	2.7	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	69	---	---	---
Potassium	ppm	4	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	15	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	6	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	164	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2004	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	813	---	---	---
Phosphorus	ppm	718	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	38	---	---	---

Depot: VP153685
Unique No: 10709745
Signed: Doug Bogart
Report Date: 23 Oct 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

