

OIL ANALYSIS REPORT

**VOLVO
PENTA**

SUN COUNTRY MARINE SUN COUNTRY MARINE MERCUISER 2A356483 - PORT GEARBOX

Sample No: VPA047924

Oil Type: MERCURY GEAR LUBE

SAMPLE INFORMATION

Sample Number	VPA047924	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	180	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Sun Country Marine, Inc.
2101 WEST COAST HIGHWAY
NEWPORT BEACH, CA
US 92663
Contact: TIM BRETAG
timb@scmg.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 160.0	---	---	---
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CONTAMINATION

Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 12	---	---	---
Iron	ppm	█ 146	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	53	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	308	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

Depot: VP154382
Unique No: 10539892
Signed: Jonathan Hester
Report Date: 03 Jul 2023

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GRAPHS

