

OIL ANALYSIS REPORT

VOLVO PENTA

JAMIE JAMIESON BC41-99 ONAN JAMIE JAMIESON (S/N NOT GIVEN) - CENTER GENSET

Sample No: VPA055283

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

SAMPLE INFORMATION

Sample Number	VPA055283	---	---	---
Sample Date	15 Oct 2023	---	---	---
Machine Hours	70	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

BELLINGHAM YACHT SALES (OUILEETE BROS)

1801 ROEDER AVE, SUITE 174
BELLINGHAM, WA
US 98225
Contact: JOSH LOWE
josh@bellinghamyachts.com
T: (360)671-0990
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 9.5	---	---	---
Oxidation (PA)	%	63	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	42	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 114	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1437	---	---	---
Magnesium	ppm	█ 623	---	---	---
Zinc	ppm	█ 816	---	---	---
Phosphorus	ppm	█ 681	---	---	---
Barium	ppm	█ 12	---	---	---
Boron	ppm	█ 382	---	---	---

Depot: VP255663
Unique No: 10782811
Signed: Sean Felton
Report Date: 15 Dec 2023

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GRAPHS

