

OIL ANALYSIS REPORT

VOLVO PENTA

HORIZON YACHT CHARTERS 14331/14256 VOLVO PENTA 51220290299 - INBOARD - PORT GEARBOX

Sample No: VPA042378

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA042378	---	---	---
Sample Date	19 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 76.7	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 8	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 32	---	---	---
Copper	ppm	▲ 82	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2454	---	---	---
Magnesium	ppm	39	---	---	---
Zinc	ppm	1291	---	---	---
Phosphorus	ppm	1147	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	255	---	---	---

PARTS & POWER

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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.

Depot: VP981217
Unique No: 10590170
Signed: Jonathan Hester
Report Date: 09 Aug 2023

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GRAPHS

