

OIL ANALYSIS REPORT

VOLVO PENTA

HARPOON - BARBARA ANNE 20319685 - INBOARD GEARBOX

Sample No: VPA056894
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA056894	VPA043780	---	---
Sample Date	03 Nov 2023	28 Dec 2021	---	---
Machine Hours	202	187	---	---
Oil Hours	8	6	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 92.5	■ 94.7	---	---
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CONTAMINATION

Water	%	■ NEG	NEG	---	---
Silicon	ppm	■ 5	■ 4	---	---
Sodium	ppm	■ 0	■ 3	---	---
Potassium	ppm	■ 1	■ 0	---	---

WEAR METALS

PQ		■ 12	■ 15	---	---
Iron	ppm	■ 6	■ 7	---	---
Copper	ppm	■ 199	■ 195	---	---
Lead	ppm	■ <1	■ <1	---	---
Tin	ppm	■ <1	■ <1	---	---
Aluminum	ppm	■ 1	■ <1	---	---
Chromium	ppm	■ 0	<1	---	---
Molybdenum	ppm	■ 112	■ 115	---	---
Nickel	ppm	■ 0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 0	■ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 2472	■ 2626	---	---
Magnesium	ppm	■ 72	61	---	---
Zinc	ppm	■ 1070	■ 1117	---	---
Phosphorus	ppm	■ 944	■ 1018	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 2	■ 1	---	---

The Talaria Company

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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.

Depot: VP592286
Unique No: 10751878
Signed: Jonathan Hester
Report Date: 22 Nov 2023

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GRAPHS

