

OIL ANALYSIS REPORT

VOLVO PENTA

BLESSED 10072 20038254 - INBOARD - CENTER GEARBOX

Sample No: VPA047850

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA047850	VPA056916	VPA032077	---
Sample Date	26 Sep 2023	17 Feb 2023	17 Nov 2021	---
Machine Hours	290	255	243	---
Oil Hours	47	12	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	■ 94.7	■ 95.29	■ 106	---
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CONTAMINATION

Silicon	ppm	■ 3	■ 3	■ 3	---
Sodium	ppm	■ 4	■ 3	■ 0	---
Potassium	ppm	■ 0	■ 0	■ 1	---

WEAR METALS

PQ		■ 14	■ 13	■ 20	---
Iron	ppm	■ 6	■ 5	■ 15	---
Copper	ppm	■ 76	■ 46	■ 102	---
Lead	ppm	■ 90	■ 59	■ 132	---
Tin	ppm	■ 0	■ <1	■ <1	---
Aluminum	ppm	■ 2	■ <1	■ 2	---
Chromium	ppm	■ 0	■ 0	<1	---
Molybdenum	ppm	■ 103	■ 104	■ 86	---
Nickel	ppm	■ <1	■ 0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	<1	<1	---
Manganese	ppm	■ <1	■ <1	■ <1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	■ 2390	■ 2360	■ 2240	---
Magnesium	ppm	■ 76	63	■ 186	---
Zinc	ppm	■ 1090	■ 1023	■ 958	---
Phosphorus	ppm	■ 953	■ 889	■ 895	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 3	■ 4	■ 17	---

The Talaria Company

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F: x:

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: 10722984

Signed: Don Baldrige

Report Date: 01 Nov 2023

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GRAPHS

