

OIL ANALYSIS REPORT

VOLVO PENTA

WALKABOUT 2297823 - INBOARD - PORT GEARBOX

Sample No: VPA058446
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA058446	VPA044172	VPA027203	---
Sample Date	07 Dec 2023	17 Dec 2022	28 Oct 2019	---
Machine Hours	630	602	455	---
Oil Hours	27	37	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	90.4	101	102	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	3	---
Sodium	ppm	2	4	6	---
Potassium	ppm	0	0	11	---

WEAR METALS

PQ		54	17	63	---
Iron	ppm	64	27	63	---
Copper	ppm	16	18	75	---
Lead	ppm	2	1	10	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	<1	2	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	114	100	64	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2631	2323	2083	---
Magnesium	ppm	33	120	98	---
Zinc	ppm	1179	965	872	---
Phosphorus	ppm	1077	896	694	---
Barium	ppm	0	0	0	---
Boron	ppm	6	4	5	---

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: 10779510
Signed: Jonathan Hester
Report Date: 14 Dec 2023

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GRAPHS

