

OIL ANALYSIS REPORT

VOLVO PENTA

TIPSSSEA CHRISSEY 20378776 - INBOARD - PORT GEARBOX

Sample No: VPA047894
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA047894	VPA031108	VPA043379	---
Sample Date	10 Oct 2023	30 Sep 2022	01 Feb 2022	---
Machine Hours	178	71	72	---
Oil Hours	57	71	0	---
Oil Changed	Changed	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	89.7	94.9	85.6	---
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CONTAMINATION

Silicon	ppm	5	5	7	---
Sodium	ppm	4	1	0	---
Potassium	ppm	0	<1	1	---

WEAR METALS

PQ		7	14	26	---
Iron	ppm	2	12	39	---
Copper	ppm	119	98	152	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	1	5	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	105	94	90	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2357	2141	1676	---
Magnesium	ppm	113	206	407	---
Zinc	ppm	1123	964	833	---
Phosphorus	ppm	973	864	873	---
Barium	ppm	0	2	<1	---
Boron	ppm	24	32	172	---

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 suitable for further service.

Depot: VP592286
Unique No: 10722978
Signed: Don Baldrige
Report Date: 01 Nov 2023

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GRAPHS

