

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**22604 MTU 95010500669 - COOLANT**

**Sample No:** VPA055988

**Oil Type:** EXTENDED LIFE COOLANT

## SAMPLE INFORMATION

Sample Number	VPA055988	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	46	---	---	---
Sample Status	NORMAL	---	---	---

## COOLANT CONDITION

Boron	ppm	21	---	---	---
Phosphorus	ppm	22	---	---	---
Sodium	ppm	6894	---	---	---
Potassium	ppm	9724	---	---	---
Silicon	ppm	6	---	---	---
pH	Scale 0-14	7.30	---	---	---
Reserve Alkalinity	Scale 0-20	1.9	---	---	---
Molybdenum	ppm	172	---	---	---
Nitrites	ppm	920	---	---	---
Percentage Glycol	%	54.8	---	---	---
Freezing Point	°C	-45	---	---	---

## CONTAMINATION

Magnesium	ppm	5	---	---	---
Calcium	ppm	10	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Orange	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	VLITE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---

## CORROSION

Iron	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---

**CULLEN DIESEL POWER - 695335**

9300 192 ST

SURREY, BC

CA V4N 3R8

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## Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

**Depot:** CULSUR

**Unique No:** 5684227

**Signed:** Kevin Marson

**Report Date:** 29 Nov 2023

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## GRAPHS

