

# OIL ANALYSIS REPORT



**ANVIL EXCAVATION LTD R100-24142 2006006515 - STARBOARD COOLANT**

**Sample No:** VPA060318

**Oil Type:** VOLVO COOLANT VCS (YELLOW)

## SAMPLE INFORMATION

Sample Number	VPA060318	---	---	---
Sample Date	15 Feb 2024	---	---	---
Machine Hours	1533	---	---	---
Sample Status	NORMAL	---	---	---

## COOLANT CONDITION

Boron	ppm	█ 14	---	---	---
Phosphorus	ppm	█ 1	---	---	---
Sodium	ppm	█ 154	---	---	---
Potassium	ppm	█ 14630	---	---	---
Silicon	ppm	█ 1	---	---	---
pH	Scale 0-14	█ 7.89	---	---	---
Reserve Alkalinity	Scale 0-20	█ 1.8	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nitrites	ppm	█ 680	---	---	---
Percentage Glycol	%	█ 46.1	---	---	---
Freezing Point	°C	█ -32	---	---	---

## CONTAMINATION

Magnesium	ppm	█ 1	---	---	---
Calcium	ppm	█ 4	---	---	---
Coolant Appearance		█ Clear	---	---	---
Coolant Color		█ Green	---	---	---
Sand/Dirt	scalar	█ NONE	---	---	---
Debris	scalar	█ VLITE	---	---	---
Precipitate	scalar	█ NONE	---	---	---
Silt	scalar	█ VLITE	---	---	---

## CORROSION

Iron	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 2	---	---	---
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 pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

**Depot:** CULSUR

**Unique No:** 5736524

**Signed:** Kevin Marson

**Report Date:** 05 Mar 2024

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# VOLVO PENTA

## GRAPHS

