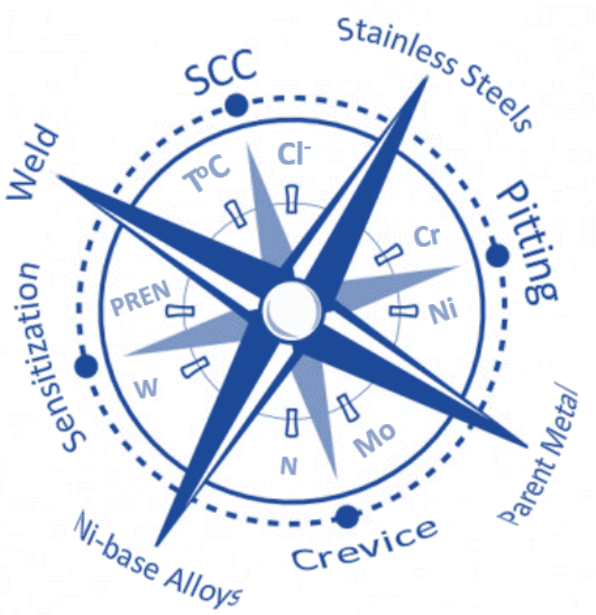

Corrosion Modeling and Corrosion Prediction Software

OCTG-Compass®: Corrosion Prediction and CRA Materials Selection Guide for Oil and Gas Production Systems

High-Value Software Solutions to Costly Corrosion

Version 9.20

☆ **Performance** ☆ **Functionality** ☆ **Usability**

Anytime Anywhere Any Device Any OS

No USB dongles No installation No Browser Plug-ins

Overview of OCTG-Compass

OCTG-Compass models and predicts corrosion under the prevailing operating conditions and provides guide for CRA materials selection for oil and gas production systems as per international standard ISO 15156. Users of OCTG-Compass simply enter the production data, the software will compute the in-situ pH as per ISO 15156, the pitting resistance equivalent number (PREN) as per ISO 15156, the corrosion rate when the selected alloy is used below the temperature limit, the SSC environmental severity as per ISO 1516, the CRA's susceptibility to sulfide stress cracking (SSC) and stress corrosion cracking (SCC). Figures 1 and 2 below show the screen shots.

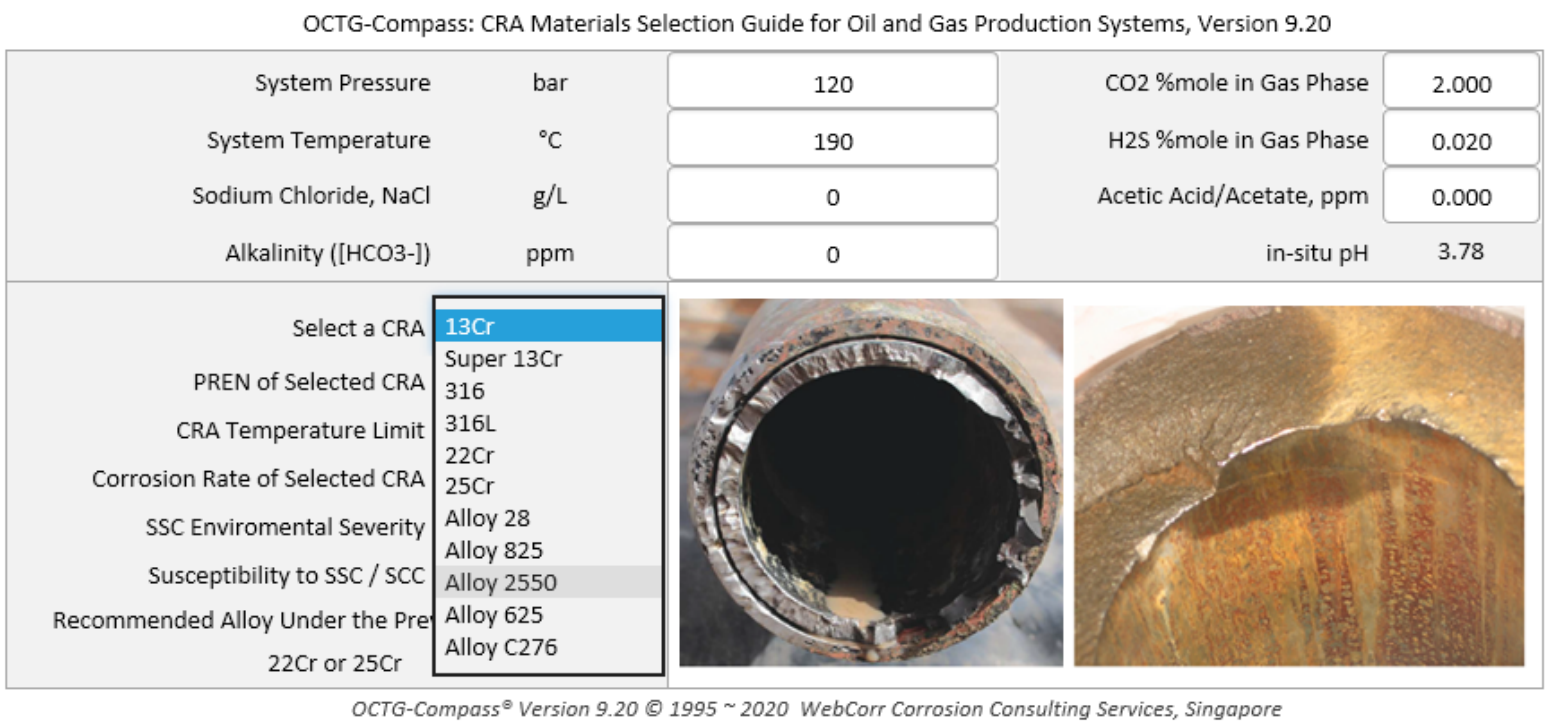

Figure 1

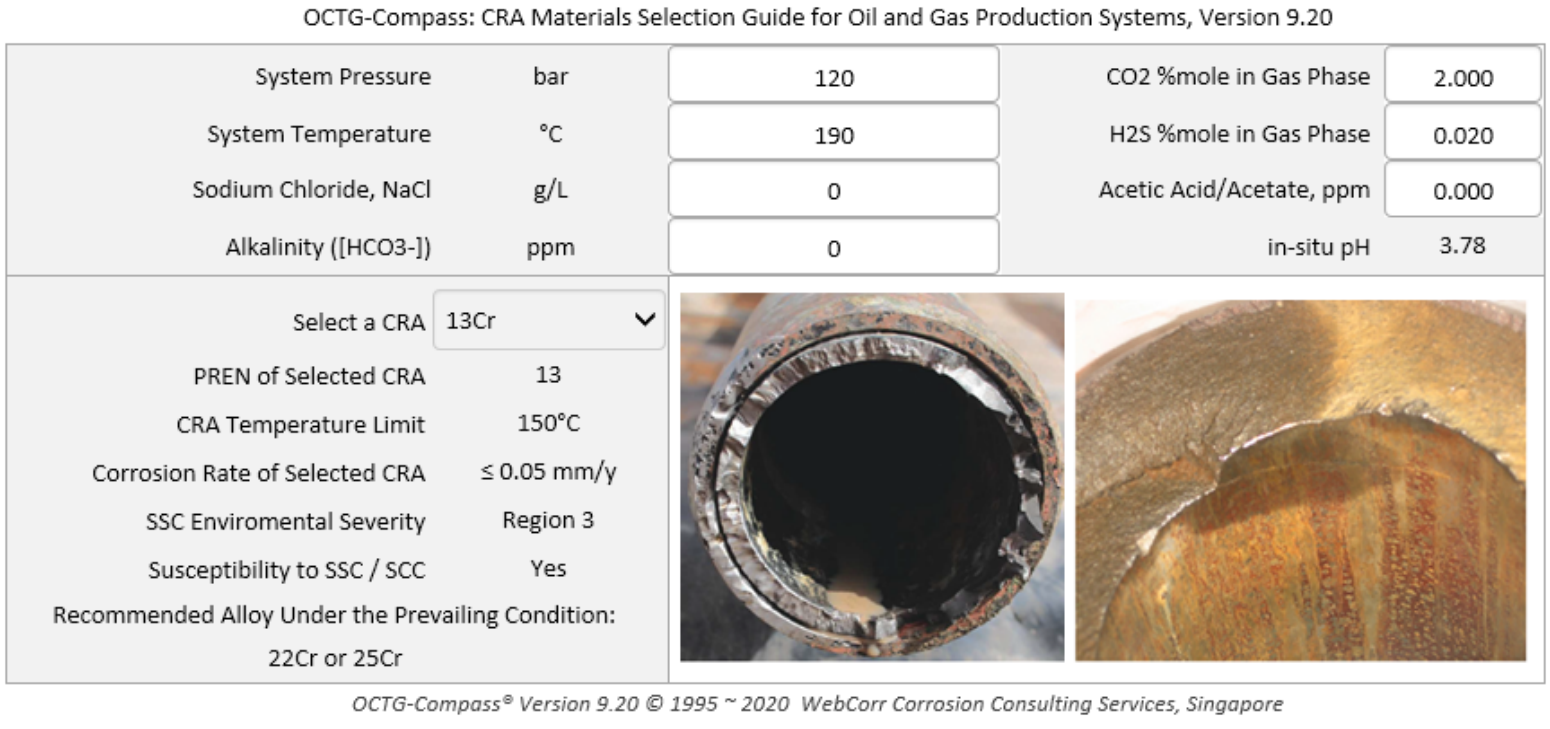

Figure 2

In Figure 2 above, the user selected 13Cr alloy that has a temperature limit of 150^{o}C. OCTG-Compass recommends 22Cr or 25Cr duplex to meet the corrosion resistance under the prevailing operating condition.

The powerful applications of OCTG-Compass are truly unlimited in engineering design, corrosion prediction and CRA materials selection for oil and gas production systems.

Click here to contact us for licensing details and experience the power of OCTG-Compass.

OCTG-Compass, giving you the right directions in CRA materials selection for oil and gas production systems.
