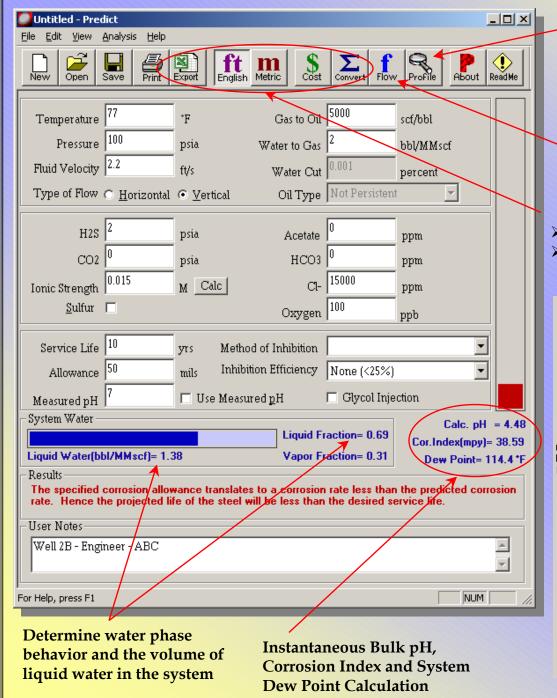
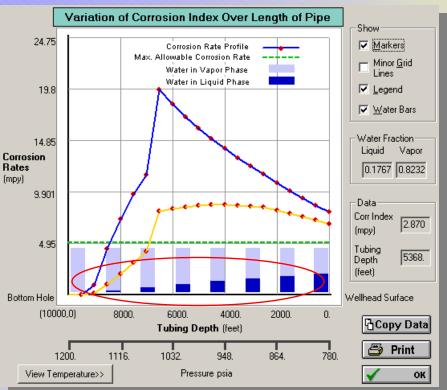




The Ultimate Software Solution For Corrosion Prediction TM



- Quantify prediction of worst case corrosion rate and pitting potential
- Correlate flow effects with corrosion rate based on extensive lab data and flow modeling
- Access real lab-data used to support system decision-making and analyses
- Flow modeling and wall shear stress computation
- Analyze Horizontal, Inclined and Vertical Flow in multiphase systems
- Share data across different programs (MS Excel, Word)
- Automatically convert data from Field Reports







NEW FEATURES AND BENEFITS

- The only corrosion prediction system to provide a way to estimate possibility and severity of pitting corrosion
- > State-of-the-art pH computation module which accounts for the effects of over 16 different anion and cation species, including organic and inorganic acid components
- Enhanced flow modeling module that provides key insights into understanding contribution of typical flow-induced corrosion parameters
- Rigorous water phase behavior calculations, coupled with the ability to account for the effects of glycol (MEG)
- ➤ Ability to accurately model momentum transfer effects (flow regimes, void fractions, pressure drops and shear stresses) en-route to improved corrosion prediction
- Ability to account for dew point variations with respect to corrosion rates
- Ability to accurately determine scaling effects due to formation of Iron carbonate and Iron sulfide scales as a function of temperature and pH
- ➤ Ability to accurately characterize role of oxygen concentration in corrosive systems
- Improved rules to account for variation of water content in oil and gas systems (production and transmission)
- ➤ Ability to handle different types of hydrocarbons and persistence effects
- Module to convert data from field production reports into parameters required for corrosion analysis

HIGHLIGHTS

- State-of-the-art interface (XP/2000 compatible) for enhanced efficacy and ease of use
- Enhanced, User friendly and Context Sensitive Help System
- Revised report generation module
- > Improved file read and write capabilities
- Comprehensive analysis based on extensive lab data, literature and experience
- Complex corrosion prediction and assessment tasks accomplished in minutes
- Incorporates rigorous corrosion and flow modeling in an easy to use graphical interface
- > Enhanced & more accurate corrosion prediction with rigorous characterization of water phase behavior and condensation effects

APPLICATIONS

- Evaluate and Predict corrosion for a variety of corrosive environments production, pipelines, power plants, flow lines, gas processing plants
- Accurately compute operating system pH with data on system chemistry
- Evaluate CO₂/H₂S corrosion and other parametric interactions
- Predict phase behavior of water in aqueous systems
- Graphically view the corrosion profile over an entire pipe / tubing length
- Predict corrosive effects of systems with Chlorides, oxygen or sulfur
- Perform comprehensive corrosion and cost characterization for entire systems

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