



PVT Pro New Features Version 2018.2

- Definition of a New Property in CCE Tests: "Liquid Volume Fraction"
- Regression of Viscosity Model Parameters for Pedersen 1984
- Mixing Mixtures and Pure Components by Mass Fraction
- Mixing Mixtures and Pure Components by Volume Fraction
- Improvement in API Tracking Export
- Remembering Size of Multi-Step Tests Simulation Result Form
- Automatically Saving User-Defined Data on Phase Envelopes as PLT Data
- Improvement in Regression Speed About 3 Times in All Calculations
- First Contact Miscibility Pressure Using EOS
- MME Analysis for All MMP Calculation Methods
- Improvement in Asphaltene Precipitation Modeling Using PC-SAFT Model
- Parallel Processing While Running Slim Tube Test
- Using PLT Data to Analyze Asphaltene Precipitation: Wellbore and Pipeline
- New MMP Calculation Correlations Added:
 - Koch-Hutchinson (1958)
 - Hudgins, Llave, Chung (1990)
 - Firoozabadi, Aziz Khalid (1986)
 - Khazam, Arebi, Mahmoudi, Froja (2016)
 - Kuo (1985)
 - Kuo (Modified By NISOC Data) (2009)
- Improvement in 'Please Wait' Forms Performance While Running (Access to Other Forms While Performing A Calculation) During:
 - MMP Calculation By EOS
 - MME Calculation



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- Running All Multi-Step Tests
 - Running Domain Sensitivity Analysis
 - Running All Types Of Asphaltene Models
 - Polymer Solution Based Models
 - Solid Model
 - PC-SAFT Model
 - Running Regression in Parallel Processing (Using All CPU Cores)
 - Definition of Maximum Function Call by User