

# SCORG™

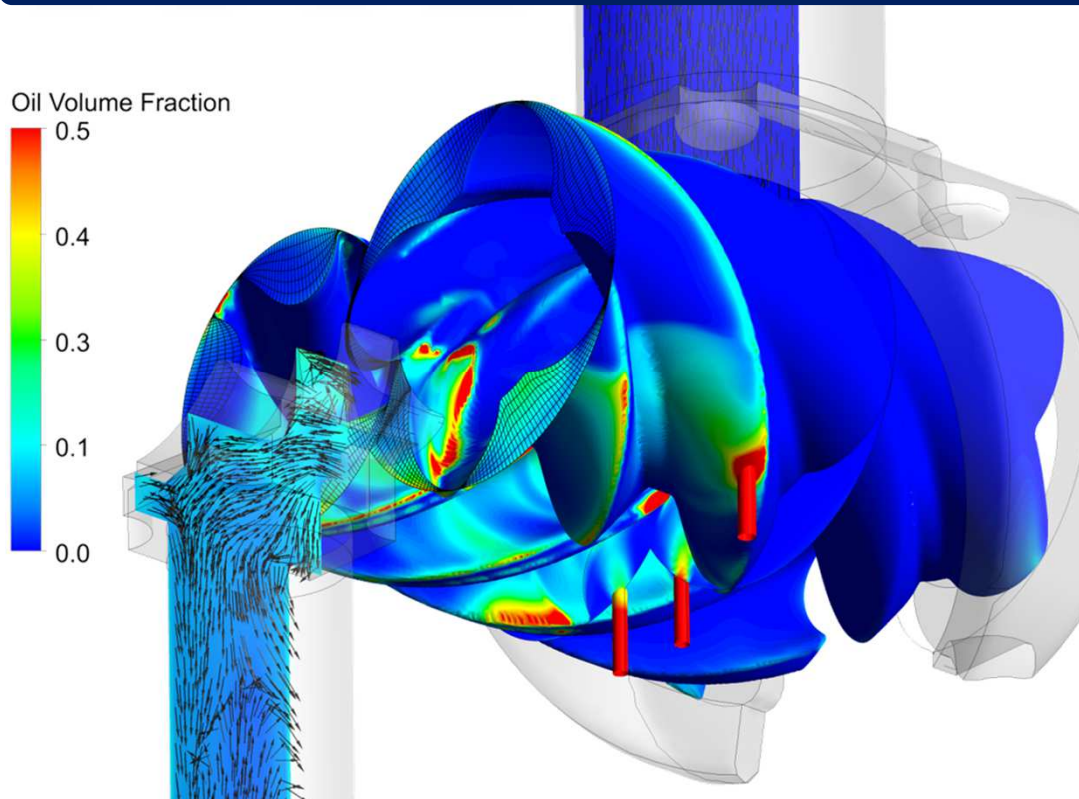


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Design, Grid Generation, Thermodynamics and CFD Analysis of Positive Displacement Screw Machines

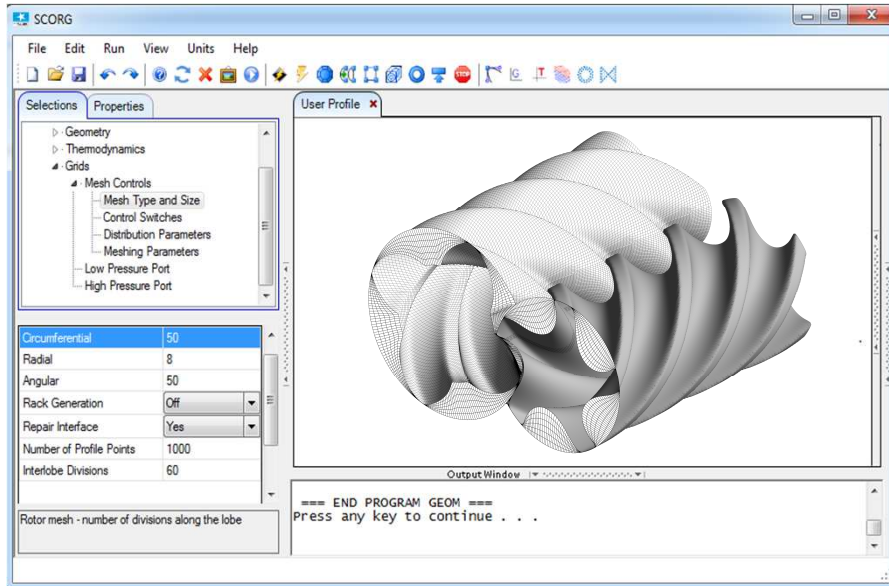


Accurate and reliable  
multiphase calculation of

## Oil Injected Screw Compressors

- single domain rotor mesh
- pressure based solver
- Euler-Euler approach
- oil injection induced by pressure difference
- initial conditions from multi-chamber model
- designed for use of CFD by R&D engineers

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CFD - oil injected air screw compressor  
6000 rpm; 1b & 20°C suction; 8b discharge

