

The advanced hydrofoil impeller for high mixing efficiency

## EKATO VISCOPROP

Universal mixing impeller for a wide viscosity range

### Industries

- Chemicals
- Polymers
- Formulated consumer products
- Flue gas desulfurization, water treatment
- Biofuels and bio refineries
- Hydrometallurgy

### Applications

- Mixing and storage tanks
- Reactors
- Polymerization (suspension, pearl, emulsion)
- Crystallization and precipitation
- Leaching processes

### Benefits

- High pumping rate, fast blending
- High flow velocities
- Increased heat transfer rates
- Excellent solids suspending performance
- Adaptable local shear rates
- Intensive surface motion for entrainment
- Easy cleaning

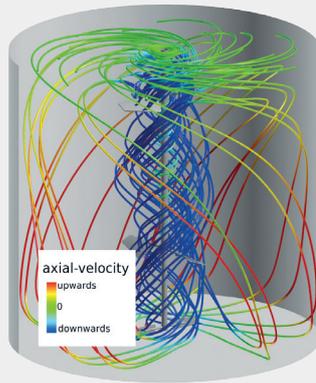
### Features

- Multi-purpose impeller
- Wide viscosity range, non-Newtonian
- Standard versions with blade angles of 25° and 53°
- Variable blade angles
- 2, 3 or 4 impeller blades available
- Suitable for non-Newtonian products





Blending of highly viscous fluids



CFD simulation – flow pattern



Agitator for a 6,500 m<sup>3</sup> storage tank

## EKATO VISCOPROP

The EKATO VISCOPROP is the multi-purpose impeller for different viscosity ranges and is ideally suited for products with non-Newtonian flow behavior as well. Different versions with standard blade angles and number of blades allow an adaption of this impeller type to specific process requirements. It is particularly easy to clean due to its blade attachment design with stub arms.

