









## Viscosity Ranges And Duties Of Impellers

| Impeller Design   | Primary flow Direction | Speed  | Viscosity range (<math>\leq</math>Pas) | Mixing Task  |
|---|------------------------|--------|--|--|
|  <p>HPCFI - High Performance Counter Flow Impeller</p> | Axial<br>Radial        | Medium | <math><80</math>                       | Blending<br>Suspending<br>Dispersing<br>Gassing<br>Heat Transfer |
|  <p>A3.1 - Axial Turbine</p>                           | Axial                  | High   | <math><8</math>                        | Blending<br>Suspending   |
|  <p>TR - Trapez</p>                                   | Axial                  | High   | <math><10</math>                       | Blending<br>Suspending<br>Heat Transfer                          |
|  <p>VMI - Visco Mix Impeller</p>                     | Axial<br>Radial        | Low    | <math><500</math>                      | Blending<br>Heat Transfer  |
|  <p>PR - Propeller</p>                               | Axial                  | High   | <math><8</math>                        | Blending<br>Suspending   |
|  <p>VHFI - Visco High Flow Impeller</p>              | Axial<br>Radial        | High   | <math><100</math>                      | Blending<br>dispersing   |