

Blending for Intermediate Viscosity

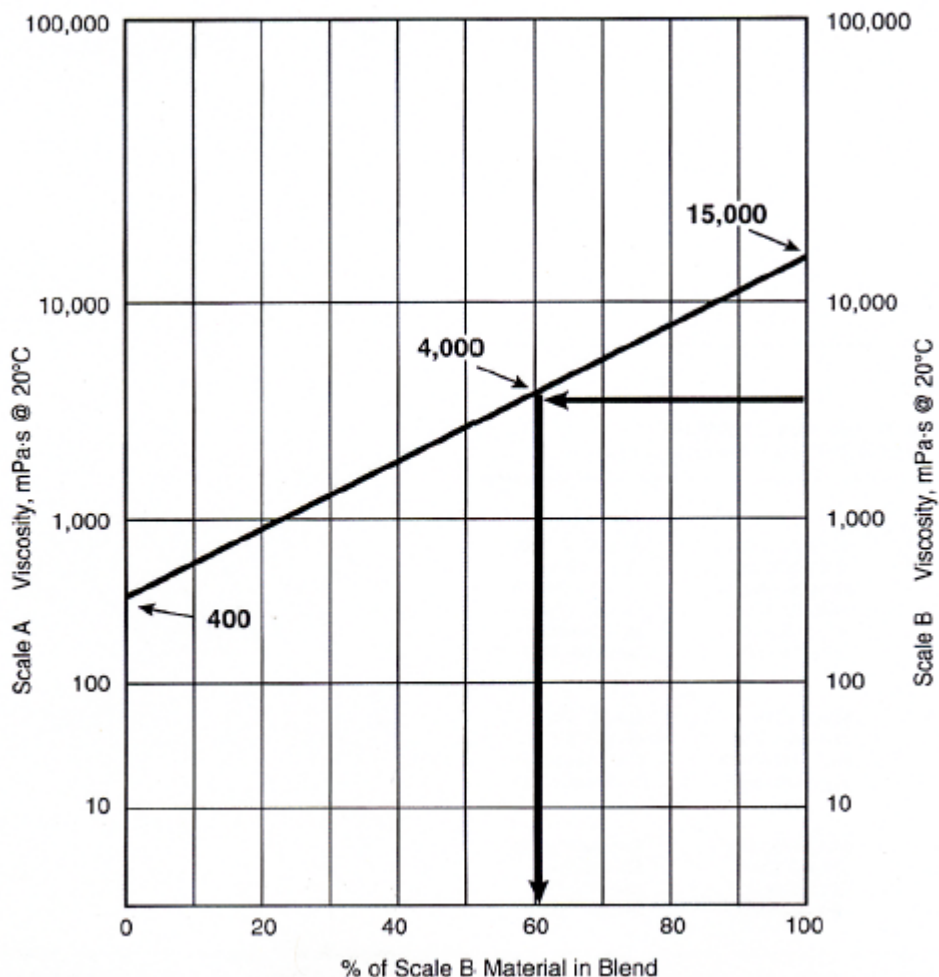
METHOCEL™, premium cellulose ethers, products of the same substitution type, but of different viscosity grades, can be blended to obtain an intermediate viscosity grade. Figure 1 is a blending chart that can be used for this purpose.

To use this chart, the points corresponding to the viscosities of the two starting materials are selected on the two vertical scales (A and B) and connected with a line. The point corresponding to the desired final viscosity is then located on one of the vertical scales and a horizontal line drawn from it to the first line is drawn.

A vertical line drawn from this intersection to the bottom scale will reveal the percent of Scale B material needed to make up the blend.

The example on the chart shows that 60% of 15,000 MPa.s material and 40% of the 400 mPa.s material are needed to make a blend having a viscosity of 4,000 mPa.s.

Figure 1. Blending Chart



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