## **Viscosity Classification Equivalents**



## **ISO VISCOSITY CLASSIFICATION SYSTEM**

Many petroleum products are graded according to the ISO Viscosity Classification System, approved by the International Standards Organization (ISO). Each ISO viscosity grade number corresponds to the mid-point of a viscosity range expressed in centistokes (cSt) at 40°C. For example, a lubricant with an ISO grade of 32 has a viscosity within the range of 28.8-35.2, the midpoint of which is 32.

Rule-of-Thumb: The comparable ISO grade of a given product whose viscosity in SUS at 100°F is known can be determined by using the following conversion formula:

SUS @ 
$$100^{\circ}F \div 5 \cong cSt$$
 @  $40^{\circ}C$