

## Low Temperature CMRV Viscosity Table

The low temperature viscosity standards are designed for use with the CANNON Mini-Rotary Viscometer (CMRV) for:

- **ASTM D3829** *Predicting the Borderline Pumping Temperature of Engine Oil*
- **ASTM D4684** *Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature*
- **ASTM D6821** *Low Temperature Viscosity of Drive Line Lubricants in a Constant Shear Stress Viscometer*
- **ASTM D6896** *Determination of Yield Stress and Apparent Viscosity of Used Engine Oils at Low Temperature*
- **SAE J300**

Lot specific viscosity data is provided with each standard.

**Nominal viscosity values of low temperature CMRV viscosity standards for ASTM D3829, ASTM D4684, ASTM D6821, ASTM D6898 and SAE specification J300**

| Catalog Number | Viscosity Standard | Approximate Viscosity   |
|----------------|--------------------|---|
| 9727-T10       | N105B*             | -20° C: 30,000 mPa • s (cP)<br>-25° C: 56,200 mPa • s (cP)<br>CMRV viscosity standard |
| 9727-T20       | YS-30              | -30° C: Yield stress 70 Pa ±35 Pa   |
| 9727-T25       | YS-35              | -35° C: Yield stress 70 Pa ±35 Pa   |

\* Density values provided at all test temperatures for indicated standard

This table presents nominal data. Actual values, provided with each standard, may vary slightly from lot to lot and formulations are subject to change. If your application requires close conformity with published nominal values, please contact technical service to obtain the actual viscosity values associated with the current formulation.