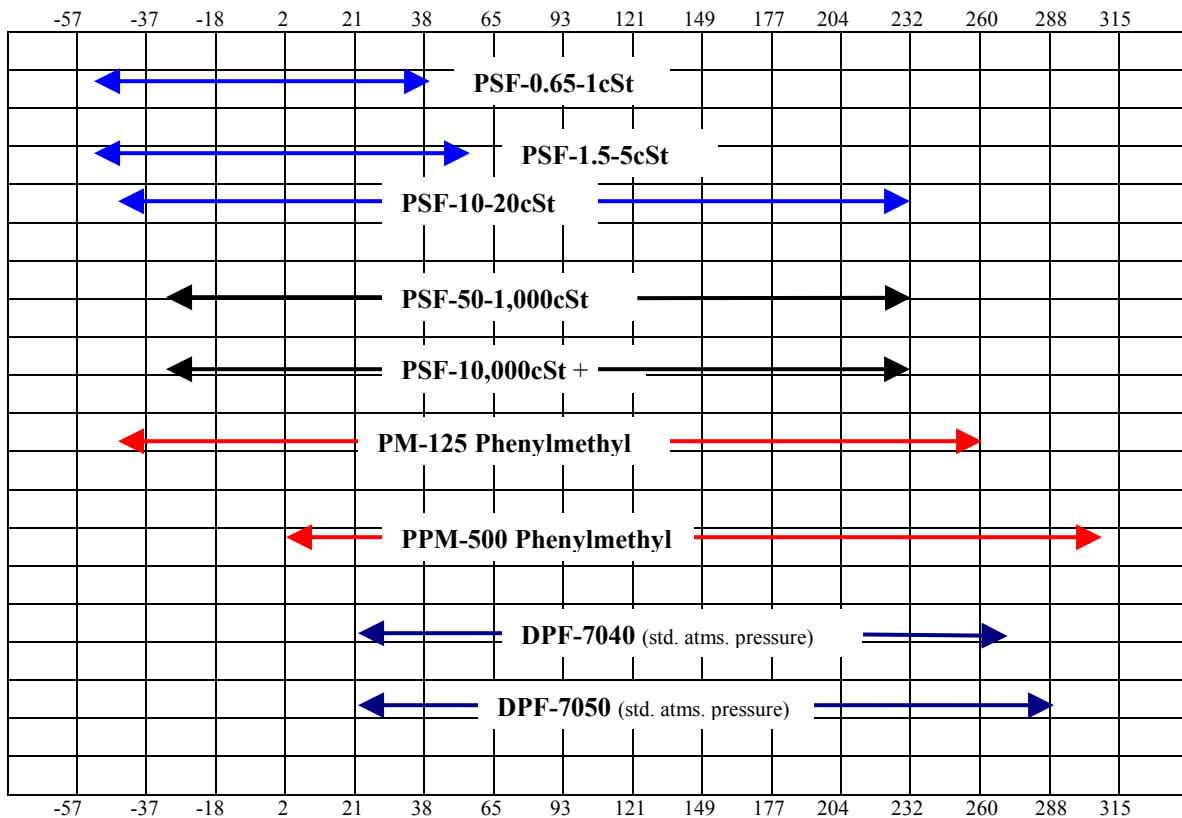


## OPERATING TEMPERATURE RANGES FOR CLEARCO SILICONES IN CLOSED SYSTEMS, °C

The graph below shows the typical operating ranges for Dimethyl, Phenyl methyl, and silicone diffusion pump fluids in systems that are closed to the atmosphere. Closed systems are systems from which air has been excluded. Pressure can build up in these systems. Due to the absence of air, temperature stability is higher in closed systems than in open systems.



### Low Viscosity Fluids

PSF-0.65cSt to 20cSt

### Medium (standard Viscosities)

PSF 50cSt to 1,000cSt

### High Viscosity

10,000cSt +

### Phenylmethyl Silicones

PM-125 (50% phenyl content)

PPM-500 (98% phenyl content)

### Diffusion Pump Fluids

DPF-7040 (vacuum 10<sup>-7</sup> to 10<sup>-8</sup> untrapped)

DPF-7050 (vacuum 10<sup>-9</sup> to 10<sup>-10</sup> untrapped)