- **Typical Physical Properties for Glycols used as Liquid Desiccants**

Type	Molecular Weight	Specific Gravity 68 °F	Δ Sp.Gr. / Δ T	Boiling Point °F @ 760 mm	Δ BP / Δ P °F / mm	Vapor Pressure mm Hg @ 68 °F	Freezing Point °F	Viscosity Cps. at 68 °F	Heat of Vaporization Btu/lb. @ 1 atm	Flash Point °F (T.C.C.)
MEG	62.07	1.1155	0.00070	387	0.045	<0.1	8.6	20.0	371	240
DEG	106.12	1.1184	0.00072	474	0.050	<0.01	17.9	36.0	240	290
TEG	150.18	1.1255	0.00078	550	0.057	<0.01	24.3	49.0	166	330
TTEG	194.23	1.1247	0.00080	decomposes	—	<0.01	20.8	62.0	161	—

*This table presents the typical physical properties of uninhibited, purified glycol samples and is not to be construed as specifications.

System Preparation

Before you install the new glycol it is important that the system be properly cleaned and flushed. Typically new or used equipment is coated with oil or grease and older systems are typically fouled with tarry hydrocarbons, dirt, and/or corrosion products. These various forms of contamination should be removed from the system to ensure optimal efficiency and corrosion protection. PROTOCOL® System Cleaners and Degreasers are readily available and should be considered prior to your initial fill or fluid replacement. Please request the appropriate TechSpec™ for these products from your local sales representative or Thermal Fluid Technologies directly.

Maintaining Optimal Performance

After the dehydration system is operational we highly recommend that you participate in our fluid-testing program. The Thermal Fluids Laboratory utilizes a wide array of advanced testing equipment so as to provide our customers with fast, accurate, and reliable results. The concept behind our support program is designed to ensure that you not only maximize the service life of the glycol, but your equipment as well. Approximately 10 days after your sample is received by the laboratory you will receive a detailed report with comments and recommendations pertaining to any - unusual or troublesome conditions that may exist, as well as, a prescribed corrective action outline if necessary.

With DELTA~THERM LD and our comprehensive fluid analysis program, you can rest assured that you will receive unparalleled performance, superior quality, and exceptional value for many years to come.

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