



# Product Information

[www.miller-stephenson.com](http://www.miller-stephenson.com)

## TriboSys™ Advanced Medical Lubricants

TriboSys™ perfluorinated oils and greases provide superior quality lubrication under extreme conditions in comparison to hydrocarbon and silicone alternatives. Miller-Stephenson offers a global distribution network and world-class technical service. TriboSys™ is the lubricant of choice for medical performance and complete reliability.

### Biocompatible ISO: 10993

Chemical Resistance	Biocompatibility	Sterilization
TriboSys™ is a clear, colorless, fluorinated synthetic oil or grease that is nonreactive, nonflammable, safe in chemical and oxygen service and is long-lasting.	Physical, chemical and toxicological testing was done according to ISO 10933 and/or USP Class VI standards to determine the biocompatibility of our grease and oil grades.	TriboSys™ withstands all forms of hospital sterilization with no migration or lubrication degradation.

### Key Benefits & Characteristics

- Nonflammable • Non-Nutrient Lubrication • Oxygen Safe • Odorless and Colorless • Chemically Inert
- Withstands all sterilization techniques • Extreme Temperature Stability

### APPLICATIONS & TECHNICAL DATA

#### Common Uses

- Single and Multi-Use Surgical Device Housings
- O-Rings
- Anesthesia Machine Parts
- Oxygen Valves
- Monitoring Devices: Housings, Covers, Pumps
- Renal Care: Blood Filter Housings, Pumps
- Fluid & Drug Delivery: Syringes, Stockcocks, Luers, ect.
- Diabetes Management: Glucose Meters, Infusion Pumps, Insulin Pens

#### Typical Requirements

- Sterilization Stability: Gamma or electron beam (e-beam) radiation; ethylene oxide (EtO) or steam autoclave
- Dimensional Stability
- Chemical Stability
- Durability/Impact Resistance
- Biocompatible Tested Grades

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[www.miller-stephenson.com](http://www.miller-stephenson.com)