THRIVE™
Synthetic Polyglycol Compressor 100

Description

Thrive™ Synthetic Polyglycol Compressor 100 is a polyglycol based compressor oil for use in applications where wide temperature ranges prevail and minimal mixing with the gas being compressed is required.

Thrive™ Synthetic Polyglycol Compressor 100 is recommended for flooded rotary screw and vane-type compressors processing hydrocarbon gases, including but not limited to natural gas and carbon dioxide gases. It may also be used as a cylinder lubricant for reciprocating compressors processing natural gas, carbon dioxide and other gases that require chemical resistance from an ISO 100 viscosity grade.

Thrive™ Synthetic Polyglycol Compressor 100 resists washing off and absorption of hydrocarbon gases due to its insolubility with hydrocarbons. It also offers higher film strength than conventional petroleum lubricants for better wear protection and will also help protect equipment against rust and corrosion.

Thrive™ Synthetic Polyglycol Compressor 100 is compatible with most compressor component materials including seals, gaskets and hoses. It is <u>not</u> compatible with Polycarbonate/LEXAN resin seals.

Features/Benefits

✓ **Resists Washing Off**
Provides for more complete separation of lubricating fluid and product

✓ **High Film Strength**
Provides enhanced wear protection compared to conventional lubricants

✓ **Superior Corrosion Protection**

Typical Physical and Chemical Specifications

Viscosity @ 40°C, cSt	100
Viscosity @ 100°C, cSt	19
Viscosity Index, typ.	213
Pour Point, °F	-44
Flash Point, °F	534
Specific Gravity	1.03
Water Content, %	<0.05

Material Compatibility		
Recommended	**Test / Confirm Before Use**	**Not Recommended**
Acetone, Alcohol, Asbestos, Butyl Dioxtol, Chlorinated Solvents, Glycol Ether, Neoprene, Epoxy Paints, Silicone Rubber, Toluene, Torlon (AMOCO), Vespal (DuPont), Viton (DuPont)	Ethylene Glycol, Triethanolamine, Water	Polycarbonate/LEXAN Resin Seals, Gasoline, Glycerol, Heptane, Kerosene, Leather, Methanol, Oil-based Paints
Consult with your U.S. Lubricants Specialist for application specific recommendations		