



## ViscoTech R342

This lubricant was originally developed for applications requiring high film strength and low torque or power reduction over a temperature range of -51°C to +149°C. This product is an extreme pressure, polymer-type lubricant containing PTFE and a lithium 12 hydroxystearate thickener. It is a shear stable, multi-functional grease used in plain and anti-friction bearings, gears, cams and slides.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Mineral Oil
Temperature Service Range (°C)			-51°C to 149°C
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off-White
Appearance			Smooth
NLGI Grade			1
Penetration (ASTM D217)	Unworked		322
		60X	324
	Worked	10,000X	335
		100,000X	337
Dropping Point (°C) (ASTM D2265)			177
Oil Separation (ASTM D6184)		22h at 100°C	5% Max.
Bearing Corrosion (ASTM D1743)			PASS
Specific Gravity (CTM-2)		25°C	1.013
Low Temperature Torque (ASTM D1478)	-30°C	Start	0.10 Nm
		Run 60 min	0.07 Nm

\*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.