

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 to 149	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium	
Color		Off-White	
Appearance		Smooth	
NLGI Grade		1	
Penetration (ASTM D217)	Unworked	310-340	
	Worked	60X	310-340
		10,000X	335
		100,000X	337
Dropping Point (°C) (ASTM D2265)		175 min.	
Oil Separation (ASTM D6184)	24h at 100°C	5% Max.	
Evaporation (CTM-1)	24 h 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 values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.