

## RheoGel 1580

RheoGel 1580 is fully synthetic lithium thickened grease. It is fortified with zinc oxide and additives that reduce wear, oxidation, and corrosion to yellow metals.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off White
Appearance			Smooth
NLGI Grade			1.5
Penetration (ASTM D217)	Unworked		330
	Worked	60X	313
		10,000X	326
Dropping Point (°C) (ASTM D2265)			202
Oil Separation (ASTM D6184)	24h at 100°C		6.7%
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		10.1%
Evaporation (CTM-1)	24h at 100°C		0.13%
Copper Corrosion (ASTM D4048)	24h at 100°C		1b
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2,100,000 cP

\*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.