



*Innovation and Experience at Work*

## 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	
Fire Point (°C) (ASTM D92)		254	
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 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.