



*Innovation and Experience at Work*

## RheoGel 1118

RheoGel 1118 is a NLGI #3 grade fully synthetic grease designed to lubricate plastic on steel heavily shock loaded applications such as ball joints. It has excellent low temperature performance.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			PAO
Temperature Service Range (°C)			-40 to 130
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off-white
Appearance			Smooth
NLGI Grade			3
Penetration (ASTM D217)	Worked	60X	239
	Unworked	@-40C	175
		@0C	222
		@25C	243
		@100C	309
		@125C	315
Dropping Point (°C) (ASTM D2265)			204
Oil Separation (ASTM D6184)	24h at 100°C		0.5
Evaporation (CTM-1)	24h at 100°C		0.35
Copper Corrosion (ASTM D4048)	24h at 100°C		Pass
Oxidation Stability (ASTM D942)	100h at 100°C		7 kPa

\*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.