

SE-100

Lubricating Grease

PRODUCTION DESCRIPTION

SE-100 is an overbased calcium sulfonate grease, which is characterized by exceptional corrosion protection, high dropping point and mechanical stability. Due to its unique chemistry, SE-100 provides superior protection against corrosion in harsh, corrosive environments. The very high load carrying ability, excellent resistance to water, oxidation and corrosion, and outstanding performance in a wide temperature range, make it a high performance premium grease. It contains no heavy metals or other harmful or environmentally undesirable additives, such as phosphorus, chlorine, zinc, phenols, antimony, barium or lead.

TYPICAL PROPERTIES

Code	MC 2000MVBG2.5
NLGI Grade	2.5
Soap Type	Calcium Sulfonate
Texture	Smooth
Color	Blue/Green
Penetration ASTM D 217, Worked 60 Strokes	255-275
Dropping Point, °F (°C), Min, ASTM D 2265	554 (290)
Copper Strip Corrosion, 210°F, 3 hrs, ASTM D 4048	1a
Oxidation Stability, ASTM D 942 (100 Hr., psi loss)	<1
Oil Separation, %, D 1742	0.2
Roll Stability (D1831) Pen.	+1
Four Ball EP, Weld Point, kg., ASTM D 2596	620
Four Ball EP, LWI, D 2596	65
Four Ball Wear (Scar, mm), ASTM D 2266	0.40
Timken OK Load, lb, ASTM D 2509	65
Corrosion Protection ASTM D 1743	Pass
Water Wash-out, @175°F, %, ASTM D 1264	2.8
Fretting Wear, mg loss, ASTM D 4170	2.3
Low Temperature Torque, -40°C, Nm, ASTM D 4693	7.6
High Temperature Life, hrs, ASTM D 3527	100
Leakage Tendencies, g, ASTM D 4290	6
Base Oil Properties, ASTM D 445	
Viscosity @ 100°C, cSt	11.2
Viscosity @ 40°C, cSt	100
Viscosity @ 210°F, SUS	65
Viscosity @ 100°F, SUS	520
V.I. Min	95
Pour Point, °C (°F), ASTM D 97	-18 (0)
Flash Point, COC, °C (°F) ASTM D 92	224 (435)