

**SHIELD<sup>TM</sup>**  
**LUBRICANTS****TECHNICAL DATA SHEET****SHIELD LUBRICANTS 80W90 MINERAL**

Product Code: SC80W90M- Revision: 20181119

**Product Description**

A high performance, gear oil formulated with highly refined mineral base oils containing a synergistically designed additive system that will work in extreme conditions. It is ideally suited for non-synchronised manual transmissions and axle gears (including spiral bevel and hypoid) operating under various conditions of high speed/ shock load and low speed/ high torque.

**Benefits**

- Very high levels of rust and corrosion resistance.
- Excellent oxidation stability.
- Very good thermal stability.
- Outstanding low and high temperature performance.
- Good seal compatibility.

**Applications**

Suitable for use in a majority of gear oil applications, including High Performance manual transmissions, steering units, heavily loaded drive axles, manual non-synchronised transmissions and drive axles. Suitable for demanding work areas including earthmoving plant and construction equipment, agricultural and industrial machinery.

**Typical Test Data**

Density @ 15°C	-	0.89
Flash Point (°C)	-	>190
Kinematic Viscosity @ 100°C (cSt)	-	15
Kinematic Viscosity @ 40°C (cSt)	-	148
Pour Point (°C)	-	<-20
Viscosity Index	-	101

**Product Profile**

API	GL-5
MIL-L	2105D