



# Product Specification and Technical Data

**PRODUCT:** **BG MGC®**  
Multi-Gear Concentrate

**PART NO.:** **325**

<b>TEST DATA:</b>	<b>Test</b>	<b>ASTM Test Method</b>	<b>Typical Test Results</b>
	API Gravity @ 15.6°C (60°F) . . . . .	D 287 . . . . .	28.8
	Specific Gravity @ 15.6°C (60°F). . . . .	D 1298 . . . . .	0.8829
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F). . . . .	D 1250 . . . . .	7.361
	Flash Point, COC . . . . .	D 92 . . . . .	193°C (380°F)
	Viscosity, cSt @ 100°C (212°F) . . . . .	D 445 . . . . .	8.22
	Viscosity, cSt @ 40°C (104°F). . . . .	D 445 . . . . .	59.93
	Viscosity Index . . . . .	D 2270 . . . . .	106
	Pour Point . . . . .	D 97 . . . . .	-37°C (-35°F)
	Color . . . . .	D1500 . . . . .	1.5
	Color . . . . .	Visual. . . . .	Amber

**PROBLEM:** Even the smoothest metal finish is rough and pitted in appearance when viewed under a microscope. This inherent roughness contributes to wear and eventual parts failure. Through normal operation, the bearings, input and output shaft gears and gear teeth in manual transmissions are subjected to intense stress and heat. The result is chipping or flaking of bearings which can result in looseness or binding on the shafts. Gear teeth will become pitted and worn. Synchronizer sleeves may become scored so that they do not move freely on the hubs. These conditions produce a noisy, hard-shifting transmission and eventual failure.

**SOLUTION:** BG MGC® is a technically advanced gear oil supplement that enhances lubricant film thickness and improves extreme pressure characteristics of any gear oil. It increases film strength and improves thermal stability and lubricant life.

- BENEFITS:**
- Reduces gear box temperature
  - Reduces component wear
  - Reduces limited slip differential chatter
  - Smooths manual transmission shifting characteristics
  - Cuts maintenance costs
  - Improves demulsability
  - Extends oil service life

**USAGE:** BG MGC® is designed for use in all types of standard vehicle transmission/differential applications. Industrial applications include speed reducers, chain drives and gear sets. Use BG MGC® with gear oil change or between changes. Add 10 percent of BG MGC® for normal industrial and automotive applications. One 6 ounce (177 mL) tube treats 2 quarts (1.9 Liters) gear oil.

BG Products, Inc. accepts no liability for excessive use or misuse of this product.