



# Product Specification and Technical Data

**PRODUCT: BG Universal Synthetic ATF**

**PART NO.: 312**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	35.0
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.8499
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.086
	Flash Point, COC	D 92	203°C (397°F)
	Viscosity, cSt @ 100°C (212°F)	D 445	7.38
	Viscosity, cSt @ 40°C (104°F)	D 445	34.77
	Viscosity Index	D 2270	186
	Viscosity, cSt @ -40°C (-40°F)	D 2983	10,900
	Pour Point	D 97	-46°C (-50°F)
	Color	Visual	Red
	NOACK Volatility, % loss	D 5800	1.66

**PROBLEM:** Today’s automatic transmissions put a tremendous demand on the fluids that protect them. Heat, moisture and close gear tolerances serve to contaminate and shear ordinary ATFs to the point they no longer perform well, thus robbing the car of power and performance. Left in a transmission, worn-out ATF can leave harmful deposits of sludge, varnish and metal debris that can eventually ruin the transmission.

**SOLUTION:** BG Universal Synthetic ATF provides excellent protection of gears and other components, offers superior thermal stability and provides enhanced service reliability. Oil change centers and transmission rebuilders for years have asked for a “one product” concept. This product fills that need.

- BENEFITS:**
- Excellent anti-wear protection; increases transmission life
  - Outstanding oxidative stability, foam resistance and corrosion control
  - Exceptional low temperature fluidity
  - Excellent shear stability to ensure a long service life
  - Guarantees peak transmission operation during high temperature operation
  - Shift quality improved
  - Maximum protection for towing and severe service

**USAGE:** This product may be used in a wide range of automatic transmissions including but not limited to: General Motors (Dexron® III, Dexron® VI), Ford (Mercon®/Merco® V/Mercon® LV/Mercon® SP/Premium ATF), Allison C-4, Chrysler (Mopar ATF+4™ and preceding), Nissan (including Matic-D/Matic-J/Matic-K/Matic-S, Part No. 999MP-MTSOOP/Matic-W, Part No. 999MP-MTWOOP), Infiniti, Mazda, Honda, Acura, Toyota (WS, Type T-IV and preceding), Land Rover LRN402, Lexus, Hyundai, BMW, VW/Audi, Mitsubishi (including SPIII), Mercedes-Benz, Saab,

Saturn, Kia, Subaru, Suzuki, Isuzu, Jaguar, Volvo (including AW55-50SN) and ZF automatic transmissions requiring lubricant class 14A, 14B or 14C.

BG Universal Synthetic ATF is NOT intended for use in continuously variable transmissions (CVTs) or in transmissions requiring Type F fluid.

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