



Product Specification and Technical Data

PRODUCT: BG Premium Full Synthetic ATF

PART NO.: 312

TEST DATA: Test	ASTM Test Method	Typical Test Results
API Gravity @ 15.6°C (60°F)	D287	34.3
Specific Gravity @ 15.6°C (60°F)	D1298	0.8533
Density, U.S. lbs./gal. (kg/m ³) @ 15.6°C (60°F)	D1250	7.114 (852.4)
Flash Point, COC	D92	203°C (397°F)
Viscosity, cSt @ 100°C (212°F)	D445	7.06
Viscosity, cSt @ 40°C (104°F)	D445	34.28
Viscosity Index	D2270	174
Viscosity, cSt @ -40°C (-40°F)	D2983	10,530
Viscosity, CP @ -20°C (-4°F)	D2983	1,030
Pour Point	D97	-51°C (-60°F)
Color.	Visual.	Red
NOACK Volatility, % loss	D5800	1.46

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 Premium Full 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. It meets or exceeds the performance criteria of JASO 1-A and many other automatic transmission fluids.

- 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: Refer to BG Premium Full Synthetic ATF Application Chart, PN 9541. BG Premium Full Synthetic ATF is NOT intended for use in continuously variable transmissions (CVTs), dual clutch transmissions (DCTs), or in transmissions requiring Type F fluid.

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