



## Product Specification and Technical Data

**PRODUCT: BG Universal Synthetic Power Steering Fluid**

**PART NO.: 334**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D287	37.8
	Specific Gravity @ 15.6°C (60°F)	D1298	0.8220
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D1250	6.853
	Solubility in Water	Visual	insoluble
	Flash Point, COC	D92	154°C (309°F)
	Viscosity, cSt @ 100°C (212°F)	D445	6.31
	Viscosity, cSt @ 40°C (104°F)	D445	20.09
	Viscosity, cSt @ -40°C (-40°F)	D2983	.887
	Viscosity Index	D2270	.304
	Pour Point	D97	-58°C (-72°F)
	Color	Visual	Green

**PROBLEM:** The chief cause of premature wear in the power steering system is fluid degradation and contamination. Oxidation by products, hose material and metallic debris accumulate in the fluid. Contaminated fluid pumping through the power steering system under high pressure causes abrasive wear in the pump and rack assembly. This leads to pump noise, erratic steering (especially when the system is cold) and eventual mechanical failure.

**SOLUTION:** BG Universal Synthetic Power Steering Fluid is a fluid specifically designed for all power steering units. It is compatible with all mineral-based fluids. May also be used in vehicular systems performing level control, hydro pneumatic suspension, or shock absorption functions. Offers superior performance in extreme temperatures, especially cold weather climates. The extremely high viscosity index of this fluid means that it does not appreciably thin when hot nor thicken when cold. Range of operation -50°F (-46°C) to 275°F (135°C). Special anti-wear agents help prevent wear in the spool valve housing and other components. Hard working anti-oxidants prevent fluid breakdown and extend the useful life and lubricity of the fluid. Seal conditioners keep seals pliable, thus preventing annoying and often harmful fluid leaks. It also reduces heat and foam and maintains component cleanliness.

- BENEFITS:**
- Recommended for use in electric assist power steering (EPS) systems
  - Reduces pump and rack wear
  - Reduces pump noise and cavitation
  - Conditions seals and hoses
  - Meets or exceeds O.E.M. power steering fluid performance for GM, Ford, Chrysler and most foreign automobiles and light duty trucks.
  - Replaces Pentosin CHF 11S, VW/Audi G004000M2 and G002000, Rolls Royce/Bentley RH5000, BMW 82111468041 and 81229407758, Jaguar HSMO, Opel 1940 766, Porsche 00004320333, Citroën LDS 9979, A3, and 997969, Mercedes Benz A001989240310 and AA0198940312, and Mopar 05142893AA, 05127381AB, 68065924AA, 68088485AA.

- USAGE:**
- Follow vehicle manufacturer's recommendations when adding BG Universal Synthetic Power Steering Fluid.
  - BG Universal Synthetic Power Steering Fluid is not compatible with the rubber components of brake systems designed for use with DOT brake fluids.
  - Keep BG Universal Synthetic Power Steering Fluid Clean. Contamination with dust or other materials may result in brake failure or costly repair.
  - CAUTION: Store BG Universal Synthetic Power Steering Fluid only in its original container. Keep container clean and tightly closed. Do not refill container or use other liquids.
  - For professional use.

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