



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)	D 287	40.5
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.8226
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	6.858
	Flash Point, COC	D 92	154°C (309°F)
	Viscosity, cSt @ 100°C (212°F)	D 445	6.17
	Viscosity, cSt @ 40°C (104°F)	D 445	18.91
	Viscosity Index	D 2270	.320
	Pour Point	D 97	-58°C (-72°F)
	Oxidation Stability, RBOT, min.	D 2272	1032
	Copper Strip Corrosion	D 130	1a
	Color	Visual	Green

PROBLEM: The chief cause of premature wear in the power steering system is fluid contamination. Oxidation by products, hose material and metallic debris accumulate in the fluid. As contaminated fluid is pumped through the power steering system under very high pressure, it 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 other vehicle systems that perform 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 -58°F (-50°C) to 250°F (-157°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:**
- Reduces pump and rack wear
 - Reduces pump noise and cavitation
 - Conditions seals and hoses
 - Meets or exceeds O.E.M. power steering fluid performance requirements for GM, Ford, Chrysler and most foreign automobiles and light duty trucks.
 - Replaces Pentosin #CHF 11S, VW #G004000M2, Audi #G002000, VW #G002000, BMW PS, Rolls Royce/Bentley #RH5000, BMW #81-11-1-468-041, Jaguar #HSMO, Porsche #000.043.203.33, Volvo #1161529, Citroen #LDS 997969, Mercedes Benz Q1320001 and Mopar # 05142893AA.

- 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.

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