



## Product Specification and Technical Data

### PRODUCT: **BG PF Inhibitor System**

For BG PF4HO Power Flush and Coolant Recycling System

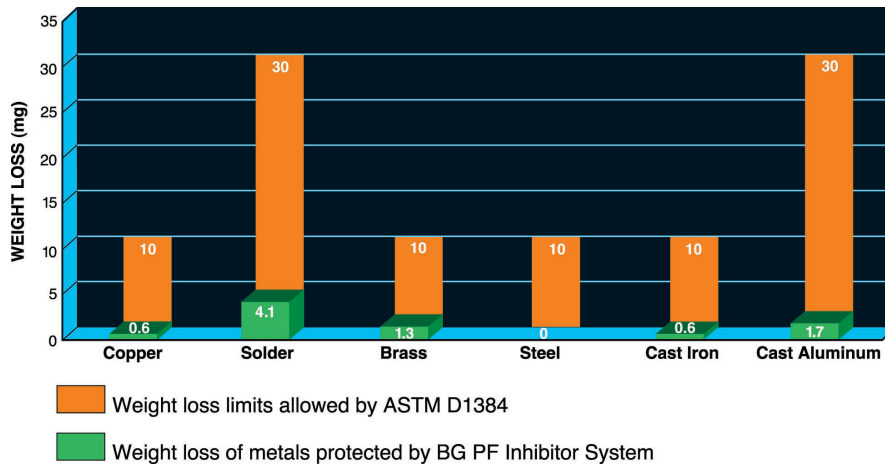
PART NO.: **580A & 580B**

TEST DATA: Test	ASTM Test Method	Typical Test Results	
		580A	580B
Specific Gravity . . . . .	.D 1122 . . . . .	.1.1911. . . . .	1.1716
Boiling Point . . . . .	.D 1120 . . . . .	.167°C (332°F). . . . .	107°C (224°F)
Freezing Point . . . . .	.D 1177 . . . . .	.>-50°C (-58°F). . . . .	12°C (10°F)
Color . . . . .	.Visual. . . . .	Dark Blue. . . . .	Dark Orange
pH 100%. . . . .	.D 1287 . . . . .	1.36. . . . .	13.97

**DESCRIPTION:** The BG PF Inhibitor System restores coolant to meet the requirements of auto and medium-duty equipment. It restores proper reserve alkalinity necessary for long lasting protection and makes pH balancing quick and simple.

The test results below prove that BG inhibitors protect metal cooling systems and engine components from corrosion far better than ASTM standards require. Various metals were individually weighed then placed in laboratory glassware. The glass beakers were filled with coolant which had been processed through the BG PF4HO with BG Universal Cooling System Cleaner, Part No. 540, and re-inhibited with BG PF Inhibitor A, Part No. 580A, and BG PF Inhibitor B, Part No. 580B. The coolant was heated for 336 hours at 190°F (88°C). The metals were weighed again to determine the amount of corrosion that had occurred. The BG PF Inhibitor System protected the metals, minimizing weight loss from corrosion.

BG 580A & B meet or exceed GM specifications.



**SOLUTION:** The BG PF Inhibitor System yields a coolant containing the proper level of inhibitors to protect all cooling system metals against rust, corrosion, foaming and acidic contamination.

**USAGE:** Ensure that 580A is thoroughly circulated throughout the cooling system before adding 580B. Add one ounce (30 mL) of 580A and 580B for each quart (Liter) of cooling system capacity. Start vehicle and bring to operating temperature. Open heater control fully. Check pH and adjust with A or B to reach 8.3 to 9.0.

NOTE: DO NOT mix 580A and 580B together before adding to cooling system.

**NOTE:** Not for use in diesel engines.

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