



Product Specification and Technical Data

PRODUCT: BG DOT 4 Brake Fluid

PART NO.: 840

TEST DATA: Test	Typical Test Results		
	FMVSS* No. 116 Specifications	SAE** J1704 Specifications	BG DOT 4 Brake Fluid
Equilibrium Reflux Boiling Point, min	230°C (446°F)	230°C (446°F)	266°C (510°F)
Wet Equilibrium Reflux Boiling Point, min	155°C (311°F)	155°C (311°F)	173°C (343°F)
Kinematic Viscosity, at -40°C (-40°F), cSt max..	1800	1800	1014
Kinematic Viscosity, at 100°C (212°F), cSt	>1.5	>1.5	2.0
pH	7-11.5	7-11.5	8.0
Fluid Stability			
High Temperature Stability, change, max . . . . .	.3°C (5.4°F) . . . . .	.5°C (9°F)	-1°C (-2°F)
Chemical Stability change, max. . . . .	.3°C (5.4°F) . . . . .	.5°C (9°F)	-1°C (-2°F)
Corrosion weight change, mg/cm ² , max			
Tinned Iron . . . . .	.02	0.2	0.0
Steel . . . . .	.02	0.2	0.0
Aluminum . . . . .	.01	0.1	0.0
Cast Iron . . . . .	.02	0.2	0.01
Brass . . . . .	.04	0.4	0.04
Copper . . . . .	.04	0.4	0.02
Color	Colorless to Amber	Colorless to Amber	Pass
Resistance to oxidation - weight change mg/cm ² , max			
Aluminum	0.05	0.05	0.00
Cast Iron	0.3	0.3	0.02
Water Tolerance			
Sedimentation @ 60°C (140°F), vol. % max	0.15	0.15 . . . . .	.None
Effects on rubber cups @ 70°C (158°F)			
Base diameter increase, mm	0.15-1.4	0.15-1.4	0.33
Hardness Increase	None	None . . . . .	.None
Hardness Decrease, IRHD max	10	20	3.0

*Federal Motor Vehicle Safety Standard No. 116 (DOT 4)
**Society of Automotive Engineers (SAE) J1703

DESCRIPTION: BG Dot 4 Brake Fluid provides an extra margin of safety to meet or exceed Federal Motor Vehicle Safety Standard (FMVSS) No. 116 (DOT 4) and surpasses Society of Automotive Engineers (SAE) J1704 specifications. Provides the ultimate in high temperature protection, moisture resistance and lubricity.

Suitable for use in conventional and anti-lock (ABS) brake systems that require DOT 4 brake fluid. Use BG DOT 4 Brake Fluid to completely flush out all old fluid.

Keep container clean and tightly closed to prevent absorption of moisture.

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