



# Product Specification and Technical Data

**PRODUCT: BG HCF**  
Waterproof Spray Lubricant

**PART NO.: 498**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	Soap Type . . . . .		Calcium Sulfonate
	NLGI Grade . . . . .		.2
	Color . . . . .	Visual . . . . .	Amber
	Texture . . . . .		Light Tack
	Penetration . . . . .	D 217 . . . . .	290-320
	Unworked . . . . .	D 217 . . . . .	.275
	60 Strokes . . . . .	D 217 . . . . .	.280
	10,000 Strokes . . . . .	D 217 . . . . .	.280
	Dropping Point, typical . . . . .	D 2265 . . . . .	287°C (550°F)
	Timken OK Load, lbs. . . . .	D 2509 . . . . .	70
	Four-Ball EP		
	Weld Point, kg . . . . .	D 2596 . . . . .	.500
	Load Wear Index, typical . . . . .	D 2596 . . . . .	76
	Four-Ball Wear, mm. . . . .	D 2266 . . . . .	0.45
	Rust Prevention Rating . . . . .	D 1743 . . . . .	Pass
	Water Washout @ 79.4°C (175°F), % . . . . .	D 1264 . . . . .	1.24
	Oil Separation wt. % . . . . .	D 1742 . . . . .	0.01
	Oxidation Stability, psi loss @ 100 hrs . . . . .	D 942 . . . . .	5.0
	Wheel Bearing Leakage, Grs. . . . .	D 1263 . . . . .	2.5
	Roll Stability, % change . . . . .	D 1831 . . . . .	5.0
	<b>Base Oil</b>		
	Flash Point, COC . . . . .	D 92 . . . . .	>260°C (>500°F)
	Net Weight, oz. (grams) . . . . .		16 (453)
	Volume, fl. oz. . . . .		13.8

**DESCRIPTION:** BG HCF Waterproof Spray Lubricant is unlike anything you have ever seen. It is unbelievably tough and stays where you need lubrication in temperatures as high as 550°F (288°C), where it is exposed to harsh chemicals such as acids or caustics, under water, and in salt water environments. Because of its inherent extreme pressure

characteristics, BG HCF provides superior lubrication under heavy loads, on cables, cable pulleys, fishing reels, hinges or any metal component where sliding friction occurs.

Use BG HCF as a protective film for metal surfaces exposed to salt water or salt air. Sprayed in a thin film, BG HCF is a highly effective rust and corrosion protector for boat trailers, trailer hitches and marine components such as in-board engines, plow shares, snow shovels, garden implements and stored metal parts.

As an assembly lubricant, it provides tough, enduring lubrication as well as rust protection for marine engines, and other marine mechanisms. BG HCF is outstanding as an automotive body parts lubricant for door hinges, hood latches, strikers, hood and truck locks and seat tracks. BG HCF is an excellent chain lubricant for bicycles, fork lifts and industrial chain drives. Use on open gears, fifth wheels, sticking or squeaking doors, overhead doors, conveyor rollers, and for a variety of marine, farm, home and industrial applications where superior lubrication and corrosion protection is desired.

**USAGE:** Shake well before using. Spray at room temperature (approximately 70°F (21°C)). Surface to be treated should be clean, dry and free of contaminants. Apply a thin coat to provide protection against rust or corrosion. Apply a more generous coat under extreme temperature ranges or pressure requirements.

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