



Product Specification and Technical Data



PRODUCT: BG Special HCF Grease

PART NO.: 605

NLGI DATA: NLGI Grade: 2 Thickener Type: Overbased Calcium Sulfonate
Color: Light Brown Texture: Smooth

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	Penetration @ 25°C (77°F), mm/10		
	Worked 60 strokes	D217	285
	Worked 10,000 strokes	D217240-320
	Dropping Point	D2265	>260°C (>500°F)
	Oxidation Stability		
	psi press. drop/100 hours	D942	2
	Four Ball EP, Weld Point, Kg.	D2596	800
	Water Spray Off, %	D4049	<10
	Four Ball Wear, mm scar	D2266	0.45
	Timken, OK Load, lbs.	D2509	65
	Rust Prevention	D1743	Pass
	Wheel Bearing Leakage, Gms, 127°C (260°F)	D1263	2.5 (5 max)

PROBLEM: Environmental or atmospheric chemicals can destroy most industrial lubricants. Without proper lubrication, friction and heat are major causes of wear and fatigue.

SOLUTION: BG Special HCF Grease is highly recommended for use in industrial, construction and manufacturing where freshwater, saltwater, salt air or chemical fumes can cause bearing corrosion and other lubrication problems. It's especially beneficial in high speed, high load, high heat, roller bearing, ball bearing, needle bearing, and thrust bearing applications.

- Water washout resistance
- Outstanding mechanical stability
- High temperature stability—drop point of over 500°F (260°C)
- Prevents oxidation due to extreme pressure, heavy loads, and excessive heat
- Can be used as a multi-purpose lubricant in environments that require water resistance or high temperature stability
- Corrosion prevention
- Unequaled extreme pressure (EP)

SOLUTION:

- Protection from wear under heavy loads and high torque
- Extended equipment life

CAUTION: Take special care when applying this product. Grease vessels should be properly cleaned of previous grease to maximize performance. BG Special HCF Grease is moderately compatible with lithium based greases and performance is maximized with proper removal of previous greases. Previous polyurea-based greases should be extensively removed from the vessel prior to BG Special HCF Grease introduction. Please reference the BG Grease Compatibility Chart.

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