



# Product Bulletin

## GULFCROWN<sup>®</sup> EP GREASE

**Gulfcrown<sup>®</sup> EP Greases** are premium quality, extreme-pressure lithium soap thickened greases. They are designed to perform in a wide variety of applications requiring grease with extreme pressure properties and good load-carrying capacity.

### FEATURES AND BENEFITS:

**Gulfcrown<sup>®</sup> EP 2 Grease** provides excellent protection against wear in heavily loaded or shock load service. Highly-effective rust and oxidation inhibitors impart outstanding performance in bearings operating at low to moderate speeds and at moderate temperatures.

### APPLICATIONS:

**Gulfcrown<sup>®</sup> EP 2 Grease** meets the requirements of a wide variety of multi-purpose grease applications, such as plain and antifriction bearings, construction equipment, fan bearings, and pump bearings. It is highly effective in automotive applications where extreme pressure multi-purpose grease is required. **Gulfcrown<sup>®</sup> EP 2 Grease** meets ASTM D 4950 requirements for Chassis Grease Category **LB**. Cartridge labels will display the **NLGI Certification Mark for Chassis Lubricant**.



**NLGI grades 00 and 000** are red in color and have a smooth texture. These premium quality products contain extreme pressure, antiwear, and antirust additives. They are often recommended for use in centralized lubrication systems, underground mining equipment and enclosed gear cases where leaking gear boxes have lost their ability to retain standard gear oil.

### SELECTION:

**Gulfcrown<sup>®</sup> EP Greases** are available in NLGI Grades 00, 000 and 2. Always follow equipment manufacturer recommendations for appropriate NLGI grade.

### AVAILABILITY:

**Gulfcrown<sup>®</sup> EP Grease** is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).

## Gulfcrown® EP Grease

### Typical Properties

NLGI Grade		#2	00	Semi-Fluid 000
Product Code	<b>Test Method</b>	343307	343304	343303
Thickener Type	ASTM D-128	Lithium 12-OH	Lithium 12-OH	Lithium 12-OH
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	180	150	340
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	15	12.8	22.0
Base Oil Viscosity Index	ASTM D-2270	90	70	75
Color	Visual	Dark Brown	Red	Red
Appearance	Visual	Smooth	Smooth	Smooth
Cone Penetration @ 77°F Worked, 60x	ASTM D-217	280	400-430	445-475
Dropping Point, °F (°C) (min)	ASTM D-2265	380 (193)	-	-
Four-Ball Wear Test, mm	ASTM D-2266	0.52	0.55 max.	0.55 max.
Four-Ball EP Test, Load Wear Index (LWI), kgf Four-Ball Weld Point, kgf	ASTM D-2596	35 250	315	315
Water Washout, wt.% loss @ 175°F	ASTM D-1264	3.5	-	-
Rust Prevention, rating	ASTM D-1743	Pass	Pass	Pass
Copper Strip Corrosion	ASTM D-4048	1b	1b	1b
Wheel Bearing Life Test, hours	ASTM D-3527	46	-	-
Operating Temperature Ranges Minimum, °F Maximum Continuous Service, °F		-5 290	0 200	0 200
Timken OK Load, lbs. (min)	ASTM D-2509	45	40	40

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

#### **Health and Safety:**

*When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, [www.nu-tierbrands.com](http://www.nu-tierbrands.com), or call 1-800-566-GULF(4853). Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.*