



## Gulf Crown EP

### Multi-purpose Extreme Pressure Lithium Grease

#### Product Description

**Gulf Crown EP** series greases are multipurpose extreme pressure lithium soap based grease for use in a wide range of heavy duty on-road trucking and automotive applications as well as varied industrial applications. These are manufactured from highly refined base oils and performance additives to provide excellent wear protection, good structural stability, resistance to water washout and effective protection from corrosion. These greases are designed for the lubrication of rolling element and plain bearings such as those found in the steel, paper, mining, quarrying and construction industries. Gulf Crown EP greases are available in NLGI 00, 0, 1, 2 and 3.

#### Features & Benefits

- Effective extreme pressure properties for efficient lubrication of heavily loaded components
- Improved mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings
- Good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- High drop point ensures extended operating range of up to 120°C.

#### Applications

- Wheel bearing and chassis component lubrication applications in heavy duty trucking and automotive vehicles
- General lubrication of axles, ball joints, universal joints, power take-offs, king pins, bushings and disc brakes
- Heavy duty plain and rolling element bearings operating under severe conditions including shock loading in wet environments
- NLGI 00 and 0 grease: Suitable for use in Centralized lubrication system that require semi-fluid greases.
- Other automotive and industrial applications where such quality grease is required

#### Specifications & Typical Properties

Meets the following Specifications		NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
DIN 51502		KP00K-30	KP0K-30	KP1K-30	KP2K-30	KP3K-20
ISO 6743-9		ISO-L-XCCHB00	ISO-L-XCCFB0	ISO-L-XCCFB1	ISO-L-XCCFB2	ISO-L-XBCFB3
Typical Properties						
Test Parameters		Typical Values				
Colour	Visual	Dark brown	Amber	Yellowish Brown	Light Brown	Brown
Texture		Smooth	Smooth	Smooth	Smooth	Smooth
Dropping Point, °C	IP 396	>160	>160	>180	>180	>180
Base Oil viscosity @ 40°C, cSt	ASTM D445	300	200	200	280	190
Penetration 60 strokes	ISO 2137	400-430	355-385	310-340	265-295	220-250
4 ball weld load, N	DIN 51350-4	2600	2600	2600	2600	2800
Temperature range		-30 °C to +100 °C Maximum +120 °C	-30 °C to +120 °C Maximum +130 °C	-30 °C to +120 °C Maximum +130 °C	-30 °C to +130 °C Maximum +150 °C	-20 °C to +120 °C Maximum +130 °C

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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