



## **Gulf Crown HD Blue**

### ***Heavy duty Lithium Complex Grease***

#### **Product Description**

Gulf Crown HD Blue is premium lithium complex based EP grease formulated using highly refined mineral oil and selected additives for excellent stability and suitability for use at higher temperatures. It is highly shear stable and can be used for applications requiring grease with good adherence and involving heavy loads. Gulf Crown HD Blue can also be used wherein multi purpose grease is used, for increased re lubrication interval.

#### **Features & Benefits**

Excellent shear stability	Stay put and reduced re lubrication quantity
Resistance to rust and corrosion	Longer life of equipment
Excellent anti wear and EP properties	Suitability for heavy duty applications
Excellent oxidation and thermal stability	Works well at high temperature & Longer service life

#### **Applications –**

Typical applications for Gulf Crown HD Blue include heavy duty anti friction bearings, pins and bushes, sliding mechanisms, vibrating shafts, oven fans , screen bearings in general engineering, steel, power, construction, mining, automotive and other industries.

#### **Specifications & Typical Properties**

<b>Specifications</b>		<b>NLGI 2</b>
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Color	Visual	Blue
Thickener		Lithium complex
Texture		Smooth
Base oil viscosity @ 40 °C, cSt @ 100 °C, cSt	D 445	220 19-21
Worked penetration @ 25 °C	D 217	265-295
Drop point °C, min	D 2265	260
Copper strip corrosion 100 °C, 24 hours, max	ASTM D 4048	1 a
Water washout % , max	ASTM D 1264	5
Four ball weld load , Kgf, min	ASTM D 2596	315
Four ball wear scar , dia	ASTM D 2266	0.6
Operating temperature range		-20 °C to 160 °C

Note - Necessary precautions are required in case grease is mixed with the present product. Take care to purge the bearing and fill the adequate quantity (not to over lubricate or under lubricate) so as to get optimum performance.

Properties mentioned above are typical only and minor variations which do not affect the product performance 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 and Office.