



## Gulf Crown LC

### Multi-Purpose Lithium Complex Grease

#### Product Description

**Gulf Crown LC** grease is heavy duty high performance lithium complex soap based grease specially developed for use in wide range of automotive and industrial applications subjected to wide range of operating temperatures. It is manufactured from high quality lithium complex thickener, specially selected base oils and performance additives to provide good structural stability, resistance to water washout and effective protection from wear and corrosion.

#### Features & Benefits

- Excellent mechanical stability and resistance to softening ensures long life and prevents leak out from bearings even in the presence of water
- Very good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Good adhesive property ensures that the grease stays in place and hence longer re-lubrication intervals.
- High drop point ensures extended operating temperature of up to 180°C.
- Good anti-wear properties for extended bearing life even under heavy and shock-load conditions.
- Excellent rust and corrosion resistance protects lubricated components even in humid environments.

#### Applications

- Heavy duty equipments used in automotive, marine, off-shore, cement, mining/ quarrying, agriculture & forestry/ logging and other industrial applications in low ambient temperatures.
- General lubrication of machinery, antifriction bearings, sleeve & guide bearings, oscillating bearings.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		NLGI 2	NLGI 3
ASTM D 4950 GC-LB		X	X
ISO 6743-9 L-XAFEA2, DIN 51502 K2R-10		X	
ISO 6743-9 L-XAFEA3, DIN 51502 K3R0			X
Typical Properties			
Test Parameters	Test Method	Typical Values	
Colour	Visual	Light Brown	Light Brown
Texture	Visual	Smooth	Smooth
Thickener Type		Lithium Complex	Lithium Complex
Estimated Operating Temperature Range		-10°C to 180°C	0°C to 180°C
Base oil viscosity at 40°C, cSt	D 445	180	180
Consistency, worked penetration 60 strokes	D 217	280	235
Dropping Point, °C	D 2265	260	260
Roll Stability, change in consistency, 16 Hrs, max	D 1831	15	15
Water Washout @ 79°C, % wt loss, max	D 1264	10.0	10.0
Four Ball weld Load in kgs.	D 2596	160	160
Four Ball Wear, Scar Dia, mm, max	D 2266	0.6	0.9
Oil Separation (Conical Sieve Method) at 100°C for 30 hrs, % wt	D 6184	3	2
Copper strip corrosion at 100° c for 24 hrs, rating	D 4048	1	1
Rust Protection	D 1743	Pass	Pass

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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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