



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
- Good low temperature fluidity/ pumpability even in cold weather making lower consistency grades ideal for use in centralised lubrication systems on vehicles as well as industrial applications
- Excellent oxidation stability leading to deposit free performance in operation
- 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.
- Heavy duty plain and rolling element bearings operating under severe conditions including shock loading in wet environments
- NLGI 00 and 0 grease : Steel mill lubrication where a softer grease is necessary for specialised dispensing systems and gearbox applications where semi-fluid greases are required
- Other automotive and industrial applications where calcium and sodium based grease are not suitable for use.

Specifications, Approvals & Typical Properties

Meets the following Specifications		NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3
ASTM D4950 GB-LB		x	x	x	x	x
Typical Properties						
Test Parameters	ASTM	Typical Values				
Colour	Visual	Black	Black	Black	Black	Black
Texture		Smooth	Smooth	Smooth	Smooth	Smooth
Base Oil viscosity @ 40 °C, cSt	D 445	170	172	174	178	178
Base Oil viscosity @ 100 °C, cSt	D 445	18.1	18.1	18.2	18.2	18.2
Consistency, worked 60X	D 217	415	370	325	280	235
Consistency, worked 100 000X (change)	D 217	-	-	15	20	26
Dropping Point, °C	D 2265	164	168	186	192	194
Oil Separation, mass %	D 1742	-	-	7	3	1
Oxidation Stability (100 hrs)	D 942	-	-	0.25	0.25	0.25
Copper Corrosion	D 4048	1b	1b	1b	1b	1b
Rust Protection	D 1743	Pass	Pass	Pass	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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