



## Gulfflex LCX 460

### Heavy Duty Lithium Complex EP Grease

#### Product Description

**Gulfflex LCX** grease is heavy duty high performance lithium complex soap based grease for use in a wide range of Mining and Off-highway applications. It is manufactured from high quality lithium complex thickener, solvent refined base oils and performance additives to provide good structural stability, resistance to water washout and effective protection from wear and corrosion. It also contains 3% solid additives for enhanced wear protection. It is specially designed to deliver outstanding performance in mining and construction applications.

#### Features & Benefits

- Effective extreme pressure properties for efficient lubrication for heavily loaded components and applications.
- 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 200°C.

#### Applications

- Heavy duty plain bearing, Pin bush applications and rolling element bearings operating under severe conditions including shock loading in wet environments.
- Heavy duty equipment's used construction, Port, Mining, Quarrying, Agriculture & forestry/ logging and other industrial applications under severe conditions particularly under fretting, oscillating/ reciprocating or sliding motion.
- General Infrastructure, Construction and Mining applications where such quality grease is required.

#### Typical Properties:

| Typical Properties              |             |                 |
|---------------------------------|-------------|-----------------|
| Test parameters                 | Test Method | Typical Values  |
| Colour                          | Visual      | Black           |
| Texture                         | -           | Smooth          |
| Thickener                       | -           | Lithium Complex |
| Dropping Point, °C              | ASTM D 2265 | 260             |
| Base Oil viscosity @ 40 °C, cSt | ASTM D 445  | 460             |
| Worked Penetration, 60 Strokes  | ASTM D 217  | 265-295         |
| Oil Separation, mass %          | ASTM D 1742 | 4               |
| Operating Temperature           | -           | -10°C to 200°C  |
| Copper Corrosion                | ASTM D 4048 | 1b              |
| Rust protection                 | ASTM D 1743 | Pass            |

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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.