



## PRODUCT DATA SHEET

### CONTEX LITHIUM GREASE MP3

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#### Description

**Contex Lithium Grease MP3** is made of premium quality lithium base grease, developed specifically for applications encountered in modern industrial environments. Only the highest quality lithium soaps, of the 12 hydroxystearate type, are used together with carefully selected premium quality base oils of the most suitable viscosity. The resulting greases are extremely shear stable and do not soften even after prolonged working. Providing bearing seals are efficient and in good condition this grease will last for extended periods between re-greasing intervals.

However, it is advisable to inspect bearings from time to time to ensure that optimum operating performance is achieved.

Contex Lithium Grease MP3 contains anti-oxidant, anticorrosion, metal de-activator and anti-wear additives.

#### Application:

**Contex Lithium Grease MP3** is recommended for general industrial use and also for the lubrication of electric motor bearings.

#### Advantages/Benefits

- Corrosion resistant
- Contain anti-oxidant to prolong product life
- Smooth texture
- Universal application
- Extremely shear stable
- Excellent mechanical stability

#### Specifications

- **Contex Lithium Grease MP3** meets the requirements of British Timken Spec 3559 and is approved to ASEA7811 and RHP requirements.
- After extensive practical testing on the railways **Contex Lithium Grease MP3** is fully approved to British Railways Specification Number 673 and meets the lubrication requirements of Carriage/Wagon axle boxes fitted with rolling element anti-friction bearings. It is also approved to RHP standards.



# كونتيننتال الزيوت وزيوت التزييت مروح

## Continental Oils & Lubricants F.Z.E.

### Typical Physical Characteristics

| Properties   | Value        |
|--|--------------|
| Colour   | Opaque Brown |
| Texture  | Smooth       |
| Thickening Agent   | Lithium Soap |
| Drop Point °C  | 182          |
| Worked Penetration 1/10 mm                                 | 220-250      |
| DIN Classification   | K3 K-30      |
| NLGI Grade   | 3            |
| Water Content %wt  | Trace        |
| Acidity on base grease as oleic %wt                        | <0.05        |
| Alkalinity on base grease as LiOH %wt                      | 0.1          |
| Oil Separation 7 days @ 40 °C %wt                          | 3.3          |
| Oxidation Stability at maximum pressure drop 100 hours bar | 0.90         |
| Dynamic anti-rust test distilled water                     | 0.0          |
| Copper corrosion 24 Hour @ 40 °C                           | Passed       |
| Kinematic Viscosity at 40° C mm <sup>2</sup> / s           | 118          |
| Kinematic Viscosity at 100 °C mm <sup>2</sup> / s          | 11.9         |

### Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.