



# CSG-3 GREASE

## LICAL GREASE

### GREASE / CSG-3 GREASE (lical grease)

#### PRODUCT DESCRIPTION

This invention relates to a new and improved method or manufacturing lubricating grease compositions. More particularly, this Invention relates to a process for the preparation of lubricating grease compositions containing lithium and calcium soaps Of high molecular weight fatty acids in molar ratios of from about 2:1 mols of lithium soap to mols of calcium soap. The invention Is. Especially adapted for continuous or semi-continuous of such greases. These` greases were prepared bysaponifying Saturated or unsaturated fatty acids with calcium hydroxide and an aqueous solution of lithium hydroxide in the presence of Mineral lubricating oil.

#### APPLICATIONS

Provide lubrication to chassis fittings, wheel bearings, grease cups, universal joints of trucks, buses, tractors, earth Moving machinery etc. Anti-friction bearings of industrial equipment.

#### PERFORMANCE LEVEL

- CSG-3 GREASE (lical grease)

#### BENEFITS

- Creamy white in colour.
- Provides protection to moving parts under very server shock load conditions.
- Prolongs equipment life.
- Resists water wash out and change in consistency within working range of temperatures.
- Excellent shear stability.
- Extends lubrication intervals.

#### TYPICAL PROPERTIES

| CHARACTERISTICS   | CSG-3 GREASE   |
|---|--|
| Consistency of the worked grease at 25°C At 60 double strokes | 260 to 290<br>Shall not be more than 30 units from the consistency at 60 double stroke |
| Drop Point, °C, Min.  | 170  |
| Penetration, D217 worked 60xmm/10                             | 235  |
| Thickener   | lical soap composition   |
| Moisture content  | 0.01%  |

*This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.  
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