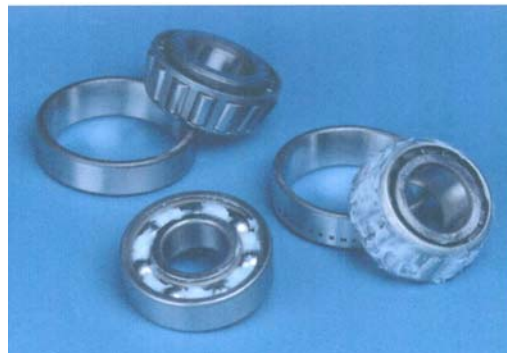


## Carbaflo® 2160

## Perfluorinated High Temperature Grease

### Product description

CARBAFLO® 2160 is a soft high temperature resistant grease for the lubrication of high temperature bearings. It is resistant against organic alkaline and inorganic acids and exhibits excellent high pressure properties. The low evaporation rate of the base oil guarantees extended re-lubrication intervals at elevated temperatures, which often reach or are longer than the lifetime of the components.



### Ingredients

CARBAFLO® 2160 contains PTFE, Fluorohydrocarbonpolymers, EP-, Anti-wear-, corrosion protection-, de-watering- and high pressure-additives.

| TEST                           | SPECIFICATION         | RESULT                   |
|--------------------------------|-----------------------|--------------------------|
| Appearance                     |                       | soft, homogenous, pasty  |
| Colour                         |                       | white                    |
| Density (20°C)                 | IP 365 / 85           | 1,9 g/cm <sup>3</sup>    |
| Consistency (NLGI - Grade)     |                       | 1 - 2                    |
| Viscosity index (Base oil)     |                       | 320                      |
| Viscosity (Base oil)           | 20 °C                 | 550                      |
|                                | 40 °C                 | 310                      |
|                                | 100 °C                | 86                       |
| Evaporation losses             | ASTM D2595 (Base oil) | 149 °C 0,0<br>204 °C 0,4 |
| VKA Test (75°C, 1200rpm, 40kg) | ASTM D4172            | 1,21 mm                  |
| Operation temperature          | DIN 51802             | -60°C up to +260 °C      |

### Advantage

CARBAFLO® 2160 is resistant against the most organic solutions and inorganic acids and has a better oxidation resistance than mineral or synthetic oils. It protects from corrosion and is non toxic in the usable temperature range.

CARBAFLO® 2160 has excellent high pressure properties, which work along the whole temperature range. The product is chemically inert and is not influenced by chemicals used for metalworking or coating.

CARBAFLO® 2160 has outstanding dielectric properties and is suitable for the lubrication of electrical com-

### Application

The surfaces should be completely cleaned from dust, dirt, fingerprints, mineral oils or other synthetic oils than CARBAFLO® and so on.

Cleaning from CARBAFLO® 2160 can be done by CARBAFLO® 790