

G-TEK PHOENIX CSC

High Performance Calcium Sulfonate Complex Grease

BRAUTEK G-TEK PHOENIX CSC Grease is high performance grease exhibiting outstanding film strength, high resistance to water and extreme temperatures. It is made with full synthetic base oils that provides long life to equipment keeping it free from metal to metal contact and temperature under control, ensuring the best protection even under very severe operating conditions.

BRAUTEK G-TEK PHOENIX CSC formula and Manufacturing Process have been perfected over the years to produce the best quality Calcium Sulfonate Complex Grease with outstanding performance in severe operating conditions

BRAUTEK G-TEK PHOENIX CSC Grease used primarily at extremely high temperatures and loads. It has extremely high anti-corrosion and water-resistant properties. According to the main parameters considerably exceed the properties of lithium and complex greases.

Product Features:

- Calcium sulfonate base
- Synthetic base oil
- Water Resistant
- Extreme Pressure properties
- Excellent rust protection properties

Customer Benefits:

- Protects equipment from rust
- ensures efficient lubrication, high thermal and antioxidant stability and low oil separation at high temperatures
- Design to work effectively at the temperature range of -18 °C to 240 °C
- exceptional extreme pressure and anti-wear performance under heavy and shock loads;
- high resistance against corrosion, water and steam washout, destruction resistance under mechanical shifting forces and dirty water influence;
- increased lubrication service intervals and reducing maintenance costs.

Applications:

- Roll stands mechanisms and drive gear axis of hot rolling steel mills, continuous casting machines;
- Mechanisms and fittings for boilers, furnace and autoclaves;
- Cement, chemical and glass industries equipment, operating under high temperatures. The mechanisms and nodes of road-building machinery and heavy vehicles, vibrating screens of the asphalt plants, heavy loaded bearings in heavy industry;
- Bearings for Paper and Pulp industry equipment, bearings and equipment components used for gas concrete production, drills and hammers;
- Electric motor bearings of large dimensions.

Typical Properties

| Brautek G-TEK PHOENIX CSC Grease | | |
|---|---------------------------|----------------------|
| Product Number | 9GTPH89 | UNIT |
| Thickener Type | Calcium Sulfonate Complex | |
| Appearance | Smooth | |
| Color | Red | |
| NLGI Grade | 2 | |
| Worked Penetration 25°C | 285 | 10 ⁻¹ ·mm |
| Drop Point | +300 | °C |
| Base oil viscosity, cSt at | 456 | mm ² /s |
| Weld load, 4-ball | 447 | Kg |
| TIMKEN OK load, lbs | 75 | Lbs |
| Weal Scar Dia, mm | 0.4 | Mm |

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.brautek.com.