

SCG 50S, 100S

Description

TACBECON SCG 50S/100S contains high performance coupling greases. The series is formulated to avoid high separation of base oil from the thickener under influence of centrifugal forces.

It has high shear stability, excellent properties to resist water and corrosion. The greases also have superior extreme pressure (EP) and anti-wear properties. It is designed for applications working in severe conditions and wide operating temperature range.

Compatibility

The grease is compatible with most engineering plastics and elastomers, including all coupling seals and gaskets.

Applications

TACBECON SCG 50S/100S is widely used for all types of mechanical couplings.

TACBECON SCG 50S is used in high speeds and low loads couplings.

TACBECON SCG 100S is heavy duty coupling grease that is used in low speeds and high loads couplings.

Application Methods

The good pumpability of TACBECON SCG Series makes it easy to be used with automatic lubrication systems. It can also be applied manually by using brush or grease gun as well.

Product Features

- Superior EP coupling grease
- High resistance to separation under centrifugal forces.
- Excellent shear stability
- Excellent water resistance
- Superior corrosion prevention

Cautions

- Do not mix with other greases (unless stated)
- Clean all surfaces properly during grease change
- Apply in moderate amount
- Avoid excess frequency of re-greasing

Packaging Size

| | |
|--------|------|
| 18-kg | Pail |
| 180-kg | Drum |

| Typical Property | Test Method | SCG 50S | SCG 100S |
|---------------------------------------|---------------|------------|-----------|
| Appearance | Visual | Smooth | Smooth |
| Base oil | - | Mineral | Mineral |
| Thickener | - | Li-Cal | Li-Cal |
| NLGI grade | ASTM D 217 | 2 | 2 |
| Penetration @25°C W60, 0.1mm | ASTM D 217 | 265 – 295 | 265 – 295 |
| Dropping point, °C | ASTM D 2265 | > 190 | > 190 |
| Water washout @80°C, % wt loss | ASTM D 1264 | 2.5 | 1.5 |
| Rust preventive properties | ASTM D 1743 | Pass | Pass |
| Timken OK load, lbs. | ASTM D 2509 | 45 | 65 |
| Fourball weld load, kg | ASTM D 2596 | 315 | 400 |
| Oxidation resistance @100hr, psi | ASTM D 942 | 5 | 3 |
| AGMA coupling grease specifications | AGMA-9001-B97 | CG-1 | CG-3 |
| Recommended operating temperature, °C | - | -20 to 120 | |

The product properties are typical of those obtained with normal production tolerances and do not constitute a specification. The information contained herein is subject to change without notification. Before using any chemical, please read its label and Material Safety Data Sheet.

SCG 300S

Description

TACBECON SCG 300S is high performance coupling grease and is formulated to avoid high separation of base oil from the thickener under influence of centrifugal forces.

It has excellent properties to resist water and corrosion. The greases also have superior extreme pressure (EP) and anti-wear properties. It is designed for applications working in severe conditions and wide operating temperature range.

Compatibility

The grease is compatible with most engineering plastics and elastomers, including all coupling seals and gaskets.

Applications

TACBECON SCG 300S is widely used for all types of mechanical couplings which operate at low speed and high load conditions with effective sealing.

Application Methods

The good pumpability of TACBECON SCG 300S makes it easy to be used with automatic lubrication systems. It can also be applied manually by using brush or grease gun as well.

Product Features

- Superior EP coupling grease
- High resistance to separation under centrifugal forces.
- Excellent water resistance
- Superior corrosion prevention

Cautions

- Do not mix with other greases (unless stated)
- Clean all surfaces properly during grease change
- Apply in moderate amount
- Avoid excess frequency of re-greasing

Packaging Size

| | |
|--------|------|
| 18-kg | Pail |
| 180-kg | Drum |

| Typical Property | Test Method | Test Results |
|---------------------------------------|-------------|------------------------|
| Colour | Visual | Dark brown |
| Appearance | Visual | Smooth |
| Base oil | - | Highly refined mineral |
| Thickener | - | Complex soaps |
| Base oil viscosity @40°C, cSt | ASTM D 445 | 800 |
| NLGI grade | ASTM D 217 | 0 |
| Penetration @25°C W60, 0.1mm | ASTM D 217 | 355-385 |
| Corrosion resistance, SKF Emscor | ASTM D 6138 | 0 – 0 |
| Copper corrosion, 24hrs @100°C | ASTM D 4048 | 1b |
| Fourball weld load, kg | ASTM D 2596 | >500 |
| Oil separation – K36, Koppers method | ASTM D 4425 | 3/24 |
| Recommended operating temperature, °C | - | -15 to 130 |

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