

# SG 500

## Description

TACBECON SG 500 is a premium high viscosity grease thickened with lithium-calcium soap.

It has high shear stability, excellent water and corrosion resistance, and extreme pressure properties. It offers long-term protection in its lubrication meant for severe working conditions.

It does not contain lead or other heavy metal compounds which are detrimental to health and the environment.

## Compatibility

The grease has good compatibility with most engineering plastics and elastomers.

## Applications

TACBECON SG 500 is used in applications subjected to combinations of high loads and water washout.

Typical applications include bearings in rolling mills, pins and bushes in off-road equipment or cranes.

## Application Methods

TACBECON SG 500 exhibits good pumpability that works well with automatic lubrication system, or manually by brushing and grease gun.

## Cautions

- Do not mix with other grease (unless stated)
- Clean all surfaces properly before re-lubrication
- Apply in moderate amount
- Avoid excess re-greasing

## Product Features

- High viscosity lithium-calcium based grease
- Excellent shear stability
- Excellent corrosion protection and water resistance
- Excellent extreme pressure properties
- Contains no heavy metals

## Packaging Size

400-g	Cartridge
18-kg	Pail
180-kg	Drum

Typical Property	Test Method	Test Result
Appearance	Visual	Green, smooth & tacky
Base oil	-	Mineral
Thickener	-	Li-Ca
NLGI grade	ASTM D 217	2
Base oil viscosity @40°C, cSt	ASTM D 445	500
Penetration W60@25°C, 0.1mm	ASTM D 217	265 - 295
Work stability 10 <sup>5</sup> strokes, % change	ASTM D 217	< 5.0
Dropping point, °C	ASTM D 2265	≥190
Water washout @80°C, % wt loss	ASTM D 1264	2.5
Corrosion resistance, SKF Emcor	ASTM D 6138	0 – 0
Copper corrosion, 24hrs @100°C	ASTM D 4048	1b
Timken OK load, lbs.	ASTM D 2509	65
Fourball weld load, kg	ASTM D 2596	400
Fourball wear scar, mm	ASTM D 2266	0.40
Recommended operating temperature, °C	-	-20 to120

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.