

SGH 500S

Description

TACBECON SGH 500S is a high viscosity premium grease thickened with Alassca complex soap, designed for high temperature operating conditions.

With high thermal stability, it offers very wide operating temperature range.

It has excellent mechanical stability which prevents the loss of consistency in ball and roller bearings. With excellent oxidation stability, high extreme pressure (EP) values and anti-corrosion properties, the grease offers extended protection and lubrication over long periods.

Furthermore, it contains no heavy metals or contaminants that are harmful to health and the environment.

Applications

TACBECON SGH 500S is designed for applications that work under high loads, exposed to high water washout or high temperatures.

It can be used as chassis and wheel bearing grease; fifth wheel, king pin and bearing grease.

Application Methods

Tacbecon SGH 500S has a good pumpability, which works well with automatic lubrication systems or manually by brushing or grease gun.

Compatibility

The grease is compatible with most engineering plastics and elastomers.

Product Features

- High viscosity grease with Alassca complex soap
- High extreme pressure (EP) properties
- Excellent mechanical stability
- Excellent corrosion protection and water resistance

Cautions

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

Packaging Size

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

Typical Property	Test Method	Test Result
Colour and appearance	Visual	Caramel, smooth & buttery
Base oil	-	Mineral oil
Thickener	-	Alassca complex
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 ⁵ strokes, % change	ASTM D 217	+2.0
Dropping point, °C	ASTM D 2265	≥300
Water washout @80°C, % wt loss	ASTM D 1264	<2.0
Corrosion resistance, SKF Emscor	ASTM D 6138	0 – 0
Timken OK load, lbs.	ASTM D 2509	65
Fourball wear scar, mm	ASTM D 2266	0.39
Fourball weld load, kg	ASTM D 2596	500
Recommended operating temperature, °C	-	-20 to180

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.