

G-TEK CSC SH PTFE SERIES

High Performance PAO Full Synthetic Calcium Sulfonate Grease fortified with PTFE

Brautek G-Tek CSC SHO 2 (F Synt) tiene larga vida útil, grasa sintética completa, sulfonato de calcio especialmente diseñada para una vida útil prolongada en condiciones climáticas árticas. Esta grasa está formulada con arena de aceite base Poly Alpha Olefin (PAO) totalmente sintética está diseñada con aditivos compatibles fortificados con PTFE. Esto ayuda a garantizar el máximo rendimiento incluso en aplicaciones pesadas / de carga de choque. El espesante complejo de sulfonato de calcio hace que esta grasa sea resistente al agua bajo la entrada de agua o las condiciones de congelación; seguirá fluyendo bajo temperaturas bajo cero. A diferencia de otras grasas complejas de sulfonato de calcio disponibles, esta grasa exhibe muy buenas características de capacidad de bombeo a bajas temperaturas.

BRAUTEK G-TEK CSC SH PTFE Grease se recomienda para las aplicaciones más severas de la industria con un excelente rendimiento, resistencia a la oxidación y un amplio rango de temperatura de funcionamiento.

Brautek G-TEK CSC SH PTFE Grease se recomienda para el sistema de lubricación centralizada debido a su excelente capacidad de bombeo.

Product Features:

- Wide range of operating temperatures – 54 °C to 260 °C
- High Timken & Weld Load for outstanding EP performance
- Exceptional Mechanical Stability
- High Drop Point – Suitable for high temperature application
- Excellent rust protection
- Very good water resistance and salt water protection
- Contains PTFE, high performance solid lubricant.

Customer Benefits:

- Excellent performance under heavy and shock loads
- Forms protective film on metal surface and protects equipment from rust and water even at low temperatures
- Does not drip out under running conditions even at low temperatures
- Extraordinary performance at high temperatures
- Protects equipment from rusting under wet and water ingress conditions
- Extended service life

Applications:

BRAUTEK G-TEK CSC SH PTFE Grease is highly recommended for mining, marine, oil fields and logging applications, especially in arctic climate conditions. Besides excellent performance at low temperatures, this grease is suitable for other industrial applications where extended service life is needed like steel mills, mining and off-highway.

Typical Properties

Product Code	952 BC	952BB	952BA	Test Method
NLGI grade	0	1	2	
Thickener type	Ca-Sulfonate	Ca-Sulfonate	Ca-Sulfonate	
Solid Lubricant:	PTFE	PTFE	PTFE	
Color	Blue	Blue	Blue	Visual
Base Oil viscosity				
SUS @ 100 °F	1164	1164	1164	ASTM D-445
SUS @ 210 °F	115.3	115.3	115.3	
cSt @ 40 °C	223	223	223	
cSt @ 100 °C	23.2	23.2	23.2	
Viscosity Index	> 120	> 120	> 120	
Drop Point, °C	-	+ 260	+ 290	ASTM D2265
Worked Penetration at 25°C	355-385	310-340	265-295	ASTM D 217
Change after 100,000 strokes	< + 20	< + 20	< + 20	
Oil Separation , 25 °C, 24 Hrs. , %	-	0.60	0.45	ASTM D 1742
Four Ball Weld load , kg	450	500	620	ASTM D 2783
Timken OK Load, lbs.	>60	>65	>65	ASTM D 2509
Wear Scar Dia, mm	0.40	0.40	0.40	ASTM D 2266
Water Washout, wt. % loss@ 80 °C	-	3.5	2.3	ASTM D 1264
Rust Test , rating	Pass	Pass	Pass	ASTM D 1743
USS Mobility Test.				USS DM 43
@ - 20 °F , gm/min	-	39.2	23.4	
@ - 40 °F, gm/min	-	18.6	8.6	

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 Material Safety Data Sheet (MSDS) found on our website. www.brautek.com.