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P.O. Box 131359 • Tyler, CR 2120, Texas 75713, Phone 903.534.8021 • Fax 903.581.4376

# Product Data Sheet



**NOTE:** The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

## GREASE

### SumTech® FGCS-2

*SumTech® FGCS-2 is a 100% synthetic calcium sulfonate thickened lubricating grease created specifically for the food and beverage industries. Its special additive system provides superior water spray off and water wash off properties. It offers excellent anti-wear properties, extreme pressure properties, oxidation resistance, and protection from rust and corrosion. The synthetic base stock gives SumTech® FGCS-2 exceptional low temperature properties and thermal stability over a wide temperature range.*

*SumTech® FGCS-2 meets USDA 1998 (H1) guidelines for lubricants with incidental food contact. It is ideal for the lubrication of cookers and other equipment used in meat/poultry processing, fruit/vegetable processing, and bakeries where higher operating temperatures are a concern.*

### Physical Properties

PRODUCT	SumTech® FGCS-2
NLGI Grade	2
Color	White
Texture	Smooth
Base Oil	Synthetic Hydrocarbon
Base Oil Properties	
Viscosity @ 40°C cSt	220
Viscosity Index	147
Thickener Type	Calcium Sulfonate
Drop Point, °F	600 +
Penetration	
Worked 60 dbl strokes	265-295
Roll Stability, Change	< 3.0%
Oil Separation	< 0.5%
4-Ball Wear	0.50 mm
4-Ball Load EP Weld Pt	420 kg
Corrosion Preventative Properties	
ASTM D 1743	Pass
Water Washout, % Loss	< 1
NSF Registered	H1
Kosher Approved	Pending
Halal Certified	Pending

**Shelf Life:** Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.