

ELBALUBES FGCS SERIES

ElbaLubes FGCS grease 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 ElbaLubes FGCS exceptional low temperature properties and thermal stability over a wide temperature range.

ElbaLubes FGCS grease 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.

General Characteristics

Productss	FGCS-1	FGCS-2
NLGI Grade	1	2
Color	Beige	Beige
Texture	Smooth	Smooth
Base Oil	Synthetic	Synthetic
Base Oil Properties	Hydrocarbon	Hydrocarbon
Viscosity @ 40°C cSt	220	220
Viscosity @ 100°C cSt	25.53	25.53
Viscosity Index	147	147
Thickener Type	Calcium Sulfonate	Calcium Sulfonate
Drop Point, °F	600 +	600 +
Penetration		
Worked 60 dbI strokes	310-340	265-295
Roll Stability, Change	< 3.0%	< 3.0%
Oil Separation	< 0.5%	< 0.5%
4-Ball Wear	0.50 mm	0.50 mm
4-Ball Load EP Weld Pt	400 kg	420 kg
Corrosion Preventative		
Properties ASTM D 1743	Pass	Pass
Water Washout, % Loss	< 2	< 1
NSF Registered	H1	H1
Kosher Approved	Pending	Yes

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

