

CPI®-GRS-460-F

Food Grade Grease



Description

CPI®-GRS-460-F is a multi-purpose grease formulated using polyalphaolefin (PAO) base oil coupled with a calcium sulfonate thickener and a premium additive package to deliver high performance and food grade purity.

Features of **CPI®-GRS-460-F** include a high dropping point, exceptional mechanical stability, and excellent resistance to water and corrosion. In addition, this grease has high load carrying performance and reduced wear.

CPI®-GRS-460-F is a multi-purpose grease designed for use in all food processing operations with recommended temperature -51°C to 204°C. **CPI®-GRS-460-F** is NSF H1 registered for lubricants with incidental food contact and is Kosher and Halal approved.

Applications

- Food processing operations including mixing, stirring, baking, frying, cooking, freezing, cleansing, packaging, canning and bottling
- Applications requiring an incidental food contact grease

Features and Benefits

Water wash-out resistance

Corrosion protection

Food grade certified

Reduced maintenance and reapplication

Enhanced system reliability and reduced down-time

NSF H1 certified for use within food processing environments

Typical Properties*

Test Procedure	ASTM Test Method	CPI®-GRS-460-F
NLGI Grade	-	2
Grease Type	-	Calcium Sulfonate
Color	-	Tan
Penetration	D217	
Unworked		272
Worked 60 strokes		276
Dropping Point, °C	D2265	318
Four Ball Wear	D2266	
Average Scar Diameter, mm		0.45
Four Ball EP	D2596	
Weld Point, kg		400
Rust Protection	D1743	Pass
Oxidation Stability	D942	
Pressure drop after 100 hours, kPa		4
Water Washout, % Loss at 80°C	D1264	0.5
Oil Separation, % Loss	D1742	0.1
Bearing Life Performance, hours	D3527	280
Low Temperature Torque	D1478	
Start (-40°C)		4000
Running (60 min.)		600

*These values are not intended for use in preparing specifications

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