



# CALPLEX FM 2 GREASE

## (Food Grade Grease)

**CALPLEX FM 2 GREASE** is an extreme pressure, food grade grease designed for lubrication of food processing equipment. It has been evaluated by the USDA and is classified as an H-1 lubricant. This means **CALPLEX FM 2** is permitted for use in federally inspected meat and poultry plants where there is a potential for incidental contact with food products.

Unlike conventional food grade greases, **CALPLEX FM 2 GREASE** is formulated to provide the same level of performance as premium-bearing greases not intended for food machinery use. It contains extreme pressure additives that protect components from wear when heavy loads or shock loads are encountered. Its aluminum complex thickener system provides high temperature performance as well as outstanding water resistance.

In addition, **CALPLEX FM 2 GREASE** is compounded with a special polymer to enhance its adhesiveness and cohesiveness. This additional impact resistance keeps **CALPLEX FM 2 GREASE** from pounding out in applications where shock loading occurs. It also improves water resistance and helps **CALPLEX FM 2 GREASES** form a protective "collar" around bearing seals to prevent entry of contaminants.

**CALPLEX FM 2 GREASE** contains other additives to improve performance. Rust inhibitors prevent corrosion, even in high moisture environments. Anti-oxidants

reduce deposit formation and extend regreasing intervals in high temperature applications.

### **BENEFITS:**

- USDA H-1 APPROVED
- EXTREME PRESSURE PROTECTION
- SUPERIOR WATER RESISTANCE
- HIGH FILM STRENGTH AND IMPACT RESISTANCE
- EXTENDS REGREASING INTERVALS

### **APPLICATIONS:**

**CALPLEX FM 2 GREASE** is a versatile lubricating grease that can be used in a wide range of food preparation and packaging equipment. It is recommended for applications where incidental contact with food or food packaging can occur. The extreme pressure capacity and impact resistance of **CALPLEX FM 2 GREASE** makes it suitable for the lubrication of heavily loaded, high output machinery.

**CALPLEX FM 2 GREASE** is an NLGI grade 2; the most frequently recommended grade. It can be used in a wide temperature range from -10 F to 350 F (depending upon the method of application.) **CALPLEX FM 2 GREASE** may be applied either manually or automatically via a central system.



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### TYPICAL CHARACTERISTICS

NLGI Grade	2
Product Code	39774
Thickener Type	Aluminum Complex
Texture	Slightly Tacky
Color	White
Worked Penetration (ASTM D-217)	280
Dropping Point (ASTM D-2265) °F	500
Base Oil Viscosity (ASTM D-445):	
SUS @ 100 F	580
cSt @ 40°C	112
cSt @ 100°C	11.0
Viscosity index	79
Oxidation Stability (ASTM D-942) PSI Drop, 100 Hrs	5.0 max.
Copper Corrosion (ASTM D-4048)	Pass
Rust Prevention (ASTM D-1743)	Pass
Timken OK load, lb	40
4 Ball EP	
Weld load	250
LWI	50
Approximate Temperature Range* °F	-10 to 350

\*Actual temperature range is subject to method of application and equipment design.

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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