

ULTRA-PERFORMANCE[®] FDA GREASE

White Synthetic Food Service Grease



Beyond Synthetic[™]

Ultra-Performance[®] FDA Grease is an aluminum complex white H-1 grease authorized by the USDA for use in federally inspected meat and poultry plants. It meets or exceeds the FDA CFR Title 21 Section 178.3750 purity requirement and is specifically designed for use in the food processing industry where it may have incidental contact with food.

Ultra-Performance[®] FDA Grease has been formulated to perform in a wide array of operating conditions. It is extremely water resistant even after frequent wash downs. Polymer additives provide superior adhesive / cohesive strength to protect against high shock loads. It contains a bacteriostatic agent to retard bacterial and fungus growth and contains both anti-wear and EP type additives to protect against metal-to-metal contact, which provides longer machine life and increased productivity. Ultra-Performance[®] FDA Grease can be used in applications from 0 to 400°F (-18° - 204°C) and is recommended for lubricating roller, needle, ball, journal and sliding bearings in the food processing and handling industries.

Performance Advantages:

- **Aluminum Complex Grease Base**

Ultra-Performance[®] FDA Grease has an adhesive, non-drip base that provides superior shear stability, water resistance and high temperature performance.

- **Multi-Temperature Service**

Ultra-Performance[®] FDA Grease's synthetic molecules combine both low temperature pumpability and high temperature stability. It is suitable for centralized pressure systems.

- **Bacteriostatic Agent**

Ultra-Performance[®] FDA Grease retards bacterial and fungus growth.

- **Increases Food Machinery Life**

Ultra-Performance[®] FDA Grease contains synthetic molecules and anti-wear additives for improved wear protection.

Typical Properties*	UPG FDA	UPG FDA 460
Viscosity		
cSt @ 40°C	126	460
SSU @ 100°F	510	2020
SSU @ 210°F	66	133
NLGI Grade	2	1 1/2
Texture	Buttery	Buttery
Thickener Type (soap base)	Aluminum Complex	Aluminum Complex
Color	White	White
USDA H-1	Yes	Yes
Drop Point °F	500	520
Low Temp. Pumpability °F	15	15
Cone Penetration, mm Worked	280	280
Four Ball Wear Test		
scar width, mm, 40 kg.		
1200 rpm, 165 °F, 1 hr.	0.70	0.70
Water Washout % loss	2.5	2.5
Rust Resistance	Pass	Pass

*All properties are typical and may vary.