



# TECHNICAL DATA

Rev.06/2019

## FOODSAFE® FG Pure Lube

### FOOD GRADE MULTI-PURPOSE SYNTHETIC LUBRICANT AEROSOL SPRAY CAN

#### SPECIFICALLY FORMULATED FOR CHAIN, CASTER & ALL MOVING METAL PARTS:

- Caster Races & Bearings Conveyor Bearings
- Rack Ovens
- Shopping Cart Wheels
- Tortilla Ovens
- High & Slow Speed Chains
- Tunnel & Tray Ovens
- Multi-Purpose Hydraulic/Gear Applications

#### OTHER APPLICATIONS:

Cables	Sprockets
Derailers	Bicycles
Motorcycles	Power Tools
Rollers	Garage Channels
Lawn Equipment	Washers
Dryers	Door Hinges & Locks
Car & Truck Doors	Sports Equipment
“O” Ring Type Chains	Rusted Screws, Nails, and other Metal Parts
Refrigerator/Freezer Hinges & Roller Carts	

#### FOODSAFE® PURE LUBE FEATURES:

NSF H1 Approved by NSF for use in food processing facilities as a lubricant or anti-rust agent onequipment in which there may be incidental contact (H1) involving the lubricated part and the edible product.

- High Temperature Range
- Low Temperature Range
- Solvent Free
- Odorless
- Clear Spray
- Prevents Sticking
- Frees Frozen Mechanisms
- Prevents Oxidation & Rust
- Water-resistant
- Extreme Pressure Capabilities
- To prevent rusting on metal parts (screws, nails, etc.) spray light coat for storage.

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*Member of the American Baking Society*

- Can be sprayed on hot metal surfaces such as casters, roller bearing and pin/roller chains.
- Cleaner for Removal of Dirt & Dust on All Types of Wheels and Moving Parts on Equipment.
- Excellent Penetration lubricant and coating film.
- Acts as a coolant and lubricant designed to disperse heat and extend tool life.
- Reduces friction and annoying squeaks in hinges, latches, springs, gears and other mechanisms

#### PHYSICAL PROPERTIES:

Property	Test Method	Typical Specification
ISO GRADE	ASTM D 445	100
SAE GRADE	ASTM D 445	30
Specific Gravity, 15.6°C	ASTM D 1298	0.99
Viscosity, cSt @ 40°C (104°F)	ASTM D 445	100
Viscosity, cSt @ 100°C (212°F)	ASTM D 445	12
Viscosity Index	ASTM D 2270	120
Fire Point, °C (°F)	ASTM D 92	350°C (662°F)
Flash Point, °C (°F)	ASTM D 92	315°C (600°F)
Pour Point, °C (°F)	ASTM D 97	-40°C (-40°F)
Ramsbottom Carbon on 10% Residuuum, %	ASTM D-524	0.12
Ramsbottom Carbon as received,%	Phoenix Lab	0.11
4-Ball Wear Test, 40 Kg, 1200 RPM, @167°F, 1 hr. Average wear scar diameter, mm	ASTM D4172	0.3
4-Ball Wear Test, 40 Kg, 1200 RPM, @400°F, 1 hr. Average wear scar diameter, mm	ASTM D4172	0.44
Evaporation Loss, 6.5 HRS. @ 204°C (500°F)	Phoenix Lab (500°F)	1.4
Total Acid Number, mgKOH/g	ASTM D-664	.2
Rust Test, 48 Hrs. Distilled Water	ASTM D 665A	Pass
Rust Test, 48 Hrs. Sea Water	ASTM D 665B	Pass
Appearance	QL 4099	Yellow Clear Liquid

#### METHODS OF APPLICATON:

Use spray very sparingly on all parts to be lubricated. Caution: Do not use near open fire. Do not puncture or incinerate container, even when empty.

#### STORAGE & HANDLING:

Store in a dry ambient temperature area away from open flames. Keep away from children.

#### CONTAINER SIZE:

16 oz. Aerosol can with contents of 11 oz. Pure Oil. Also packaged in 5 gallon-pails, 55 gallon non-returnable steel drums

#### HANDLING PRACTICES:

Caution: Contents are extremely flammable; Keep away from open flame. For information on the safe handling and use of this product, refer to the Material Safety Data Sheet. For more information and availability, call 630-513-6350.