

## ULTRACHAIN FG 220

FOOD GRADE CHAIN SYNTHETIC LUBRICANT

### DESCRIPTION

Lubricant formulated with special esters and additives for improving its properties.

### APPLICATIONS

**ULTRACHAIN FG 220** is recommended for lubrication of all type of chains operating under extreme conditions of load and temperatures up to +250°C, in areas where there is possibility of incidental contact with edible products for human or animal consumption.

**ULTRACHAIN FG 220** can be applied for lubrication of chains in ovens, dryers and conveyor systems used in production of bread, pastries, pasta, prepared food, cosmetics, pharmaceuticals, etc.

Viscosity grade **ISO VG 220** allows application with most usual systems: manual, dripping or spraying.

### PROPERTIES

- High stability against oxidation at high temperatures, which prevents the formation of residues inside the chain pins.
- Excellent adhesion and penetrability to the metal surfaces of the chain, as well as high resistance to wear under high loads.
- High corrosion resistance.
- Low evaporation at high temperatures.

### QUALITY LEVEL

NSF H1 Certificate –Nº Register 149993.  
Halal Certificated, nº IH-682/2.4/B/76/3/17  
Kosher Certificate



### TECHNICAL CHARACTERISTICS

	Units	Typical values	Method
Appearance	-	Clear yellow	-
Density at 15 °C	gr/cm <sup>3</sup>	0,95	ASTM D 4052
Viscosity at 40 °C	mm <sup>2</sup> /s	227	ASTM D 7042
Viscosity at 100 °C	mm <sup>2</sup> /s	29	ASTM D 7042
Viscosity Index	-	165	ASTM D 2270
Pour point	°C	-36	ASTM D 97
Flash point	°C	276	ASTM D 92
Wear scar, 4 ball test	mm	0,51	ASTM D 4172
High temperature evaporation Noack test – 1h at 250°C	%	1,7	ASTM D-5800-A

The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

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### HANDLING AND STORAGE

Handling not subject to special requirements. Throughout the lifespan of the product:

- Store separately from other lubricants, chemicals or foodstuffs.
- Protect from sunlight or other heat sources.
- Store at temperatures from 1°C up to +40°C.
- Keep container closed after opening.

The expiry date is 48 months from date of manufacture.

For further information and more product details, packaging and safety data sheets, please refer to our website [www.cogelsa.com](http://www.cogelsa.com) or contact us at: [info@cogelsa.com](mailto:info@cogelsa.com) or [export@cogelsa.com](mailto:export@cogelsa.com)

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