

# Q8 Rossini G+CH220

Food grade gear and chain lubricant

## Application

The main application is the lubrication of gear drives and chains in general and, in particular, in the food and pharmaceutical industry. Q8 Rossini G+CH220 is used where anti-wear and EP properties are needed because of the load carrying capability required by equipment used in meat and poultry plants.

Q8 Rossini G+CH220 is a long-life lubricant formulated by using specially selected additives in synthetic PAO base fluids to give improved lubrication at extremes of operating temperature, minimum volatility and excellent protection against corrosion and oxidation.

Q8 Rossini G+CH220 is formulated using substances permitted by FDA CFR 21 and NSF Registered as category H1 food grade lubricants for incidental contact with food.

## Specifications

DIN 51517, category CLP

## Benefits

- Long-life gear and chain lubricant providing economic use and lower overall costs
- Adhesive additives coat gears and chains effectively and provide anti-wear protection at start-up
- Compatible with mineral oils and most commonly used elastomers
- Excellent thermal and chemical stability
- Energy saving with friction reducing properties
- Outstanding low and high temperature performance
- Operating temperature range, -30°C to +240°C

## References

- Q8 Rossini G+CH220 – Category Code: H1, NSF Registration No. 144953



Nonfood Compounds  
Program Listed H1  
Registration 144953

## Typical Inspection Data

	Method	Units	Inspection Data
<b>Q8 Rossini G+CH</b>			<b>220</b>
ISO Viscosity Grade	-	-	220
Absolute Density, 15 °C	D 4052	kg/m <sup>3</sup>	880
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	220
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	23.7
Viscosity Index	D 2270	-	135
Flash Point	D 92	°C	>200
Pour Point	D 97	°C	-30
Copper corrosion	ASTM D130	-	1b
Evaporation loss (6.5hrs @ 205°C)		% mass	4.0
Demulsibility	ASTM D1401 (30 min)	-	40-37-3
Foaming (after settling, sequence 1/2/3)	ASTM D892	ml	0/0/0
FZG Test, A/8.3/90	DIN 51354	Load stage	11

## Health and Safety

Reference should be made to the relevant Q8 Material Safety Data Sheet before use.

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Certificate No. FM 89665

technical data