

# MOL Food Chain 220

## food-grade chain lubricant



MOL Food Chain 220 is a synthetic chain lubricating oil produced from PAO (Polyalphaolefin) base oil and carefully selected additives, that can be used specifically for the lubrication of chains used in the food processing industry. It is a category H1 product registered by NSF: "This product can be used as food-grade lubricant (H1) in the direct and indirect environment of food processing, where there is a possibility of incidental food contact." Application to the surface can be made either with brushing, oil gun or by means of spraying.

### Application



Chains operated in the food industry

Conveyors, chains, sliding chains operating at high temperatures

### Features and benefits

NSF H1 registered quality	Applicable in each stage of a food supply chain No health risk when in contact with foodstuffs below the permitted range
Low volatility	Minimized air exposure, so safer work environment Economical use Oil loss is reduced to minimum at high temperatures
Excellent corrosion protection	Long-term protection against surface damage, even in the presence of moisture Effectively contributes to potential reduction of maintenance costs
Exceptional thermal and oxidation stability	Protects against deposit formation at high temperatures Longer lubricant lifetime, so reduced operational costs Increased oil drain intervals, so reduced lubricant consumption Operational, maintenance and disposal costs are reduced
Excellent wear protection	Reduced wear of contacting surfaces, even under varying operating conditions Long chain lifetime
Good load-carrying ability	Provides a continuous lubricating film between surfaces
Excellent tackiness and water resistance	Forms a stable and uniform lubricating film, which is not squeezed from between contacting surfaces even under heavy loads Protection against water wash-out

### Specifications and approvals

Viscosity grade: ISO VG 220  
NSF H1[142137]

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### Properties

Properties	Typical values
Density at 15°C [g/cm3]	0,850
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	215
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	25,2
Viscosity index	148
Pour point [°C]	-40
Flash point (Cleveland) [°C]	270

The characteristics in table are typical values of the product and do not constitute a specification.

### Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to lubricants.

For further details please read the Material Safety Data Sheet of the product.

In the original container under the recommended storage conditions: 48 months

Recommended storage temperature: max. 40°C

### Ordering information

Custom Tariff Number 34039900

#### SAP code and packaging:

13007301 MOL Food Chain 220 X10L

10 l plastic can (for order only)

#### Order booking:

Please contact your local distributor or sales partner for ordering details.