

MOL Food Chain 100

food-grade chain lubricant



MOL Food Chain 100 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 100
NSF H1[142136]

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,841
Kinematic viscosity at 40°C [mm ² /s]	98
Kinematic viscosity at 100 °C [mm ² /s]	14,1
Viscosity index	145
Pour point [°C]	-45
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:

13007300 MOL Food Chain 100 10LA

10 l plastic can (for order only)

Order booking:

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