

# perma FOOD LOWTEMP SYN 32 (S078)

## SYNTHETIC LOW TEMPERATURE CHAIN LUBRICANT FOR FOOD AND BEVERAGE PROCESSING EQUIPMENT

perma FOOD LOWTEMP SYN 32 (S078) is a fully synthetic, high performance, anti-wear chain lubricant, specially developed for the lubrication of transport mechanisms inside food freezer machinery. It is based on a careful blend of synthetic fluids and selected additives chosen for their ability to meet the stringent requirements of the food and beverage industry. Certified by NSF for ISO 21469 and registered by NSF (Class H1) for use where there is potential for incidental food contact.

### Advantages



**EXCELLENT ADHESION,  
MINIMAL CENTRIFUGATION**



**GOOD ANTI-WEAR PERFORMANCE ENSURES  
LONG AND RELIABLE SERVICE LIFE AND  
LOWER MAINTENANCE COSTS**



**EXCELLENT LOW TEMPERATURE PROPERTIES**



**PREVENTS FORMATION OF HARMFUL  
OXIDATION PRODUCTS AT ELEVATED  
TEMPERATURES**



**EXCELLENT WATER SEPARATION  
PROPERTIES; PREVENTS FORMATION  
OF HARMFUL EMULSIONS**



**NEUTRAL ODOUR AND TASTE**



**VERY GOOD VISCOSITY-TEMPERATURE  
BEHAVIOR**



**EFFECTIVE CORROSION PROTECTION**

### Application

- Transport mechanisms inside food freezer machinery
- Slideways and chains; metal-metal; metal-ceramic
- Roller and sliding bearings

#### APPLICATION INFORMATION

perma FOOD LOWTEMP SYN 32 (S078) is a lubricant especially developed for perma lubrication systems. To ensure adequate metering and maintenance-free lubrication, this product is only available in perma lubrication system.

#### SHELF LIFE

Shelf life is approx. 12 months if the product is stored in its unopened original container in a dry and frost-protected place.

#### PACKAGING

- perma lubrication systems
- Bottle 1 ltr
- Bottle 5 ltr

## Product data

Base oil	Synthetic Oil
Colour	Colourless
Density, DIN 51757, at 20 °C, g/cm <sup>3</sup> , appr.	0.83
Flashpoint, DIN ISO 2176, °C	> 210
Base oil viscosity, DIN 51562, at 40 °C, mm <sup>2</sup> /s	32
Base oil viscosity, DIN 51562, at 100 °C, mm <sup>2</sup> /s	6.5
Service temperature range, °C	-50 to 140



Gears



Sliding bearings



Spindles



Chains