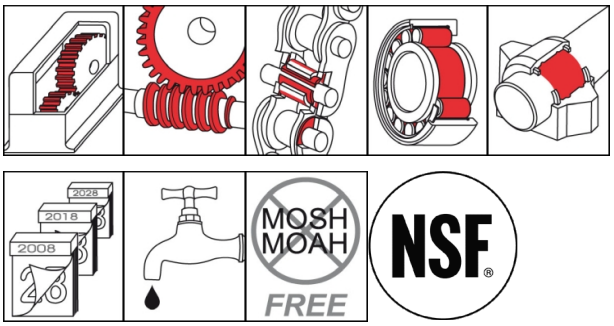
PRODUCT INFORMATION

OKS 3720

Gear Oil for Food Processing Technology



Description

Fully synthetic oil of the ISO VG class 220 for lubricating gears and other machine elements in the food processing technology.

Applications

- Lubrication of closed toothed gearin
- Liquid lubrication of chains, joints, guides, rolling and friction bearings
- Suitable for immersion-bath, immersion-bath circulation and injection lubrication

Branches

- Catering equipment and food processing technology
- Plant and machine (tool) engineering
- Logistics
- Shipbuilding and marine technology
- Paper and packaging industry
- Glass and foundry industry
- Rail vehicle technology
- Chemical industry
- Municipal services
- Iron and steel industry
- Rubber and plastic processing

Advantages and benefits

- NSF H1-registered
- Good ageing and oxidation stability through optimal additives
- Cold and hot water resistant
- Resistant to water steam, disinfectants and cleaning agents
- Wide operating temperature range
- Shear-stable and low-foaming
- Good wear protection
- Good corrosion protection
- Long economic operating times
- MOSH/MOAH-free (as per recipe)

Application tips

Clean the lubricating point thoroughly for optimal effect. Before filling gears for first time, remove anti-corrosion agent. Fill the gears so that the immersing teeth transport the lubricant reliably. Apply a sufficient amount of lubricant with a brush, drip oiler, by immersion or using a suitable automatic lubrication system. Observe the gear and machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

Packaging

- 5 l Canister
- 25 l Canister
- 200 l Drum

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil mixture
Application related technical data				
marking	DIN 51 502	DIN 51 825		CLP HC 220
viscosity at (40°C)	DIN 51 562-1		mm²/s	220
viscosity at (100°C)	DIN 51 562-1		mm²/s	26
viscosity index	DIN ISO 2909			> 140
viscosity class	DIN ISO 3448	DIN 51 562-1, 40°C	ISO VG	220
pour point	DIN ISO 3016	3°C step	°C	< -30
flashing point	DIN ISO 2592	> 79, open crucible	°C	200
lower operating temperature			°C	-30
upper operating temperature			°C	120
colour				colourless-yellow
density (at 20°C)	DIN 51 757		g/cm³	0.86
SKF-EMCOR Copper	DIN EN ISO 2160	24h, 100°C	corr. degree	1-100
FZG wear protection test	DIN ISO 14 635-01	A/8,3/90	power level	> 12
Product specific technical data				
Corrosion Protection_Steel	DIN ISO 7120	24h, 60°C		no rust
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 135752

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