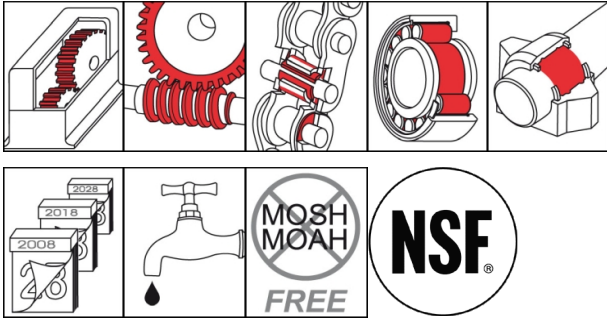**OKS**®

OKS 3720
Gear Oil, ISO VG 220

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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ISO 45001 Certified Occupational Health and Safety Management System   www.tuvsud.com/ms-cert

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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				
UFI				
approval for food processing technology				NSF H1, Reg.-Nr. 135752

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Our Customer and Technical service will be pleased to help should you have any further questions.

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