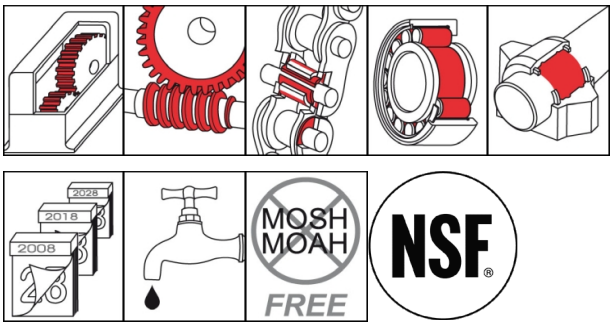
PRODUCT INFORMATION

OKS 3725

Gear Oil, ISO VG 320



Description

Synthetic, high-performance Gear Oil ISO VG 320 with a very wide temperature range, designed for the food processing industry.

Applications

- Lubrication of mechanically stressed spur or bevel gears or epicyclic gear trains
- Liquid lubrication of chains, guides, joints, pumps, spindles or rolling and friction bearings
- Suitable for injection, immersion bath and immersion bath circulation lubrication

Branches

- Catering equipment and food processing technology
- Pharmaceutical, beverage and animal feed industries
- Cosmetics industry
- Plant and machine (tool) engineering
- Logistics
- Paper and packaging industry

Advantages and benefits

- NSF H1 registered
- MOSH/MOAH-free (according to formula)
- Effective wear protection, high scuffing resistance
- Excellent ageing and oxidation stability
- Very wide operating temperature range
- Reliable lubricant film formation thanks to effective shear stability
- Low foaming
- Effective corrosion protection
- Strong elastomer compatibility
- 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

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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 51 517-3		CLP HC 320
viscosity	DIN 51 562-1	at 40°C	mm²/s	320
viscosity	DIN 51 562-1	at 100°C	mm²/s	35
viscosity index	DIN ISO 2909			>170
viscosity class	DIN ISO 3448	DIN 51 562-1, 40°C	ISO VG	320
pour point	DIN ISO 3016	3°C step	°C	< -45
flashing point	DIN ISO 2592	> 79, open crucible	°C	> 250
lower operating temperature			°C	-45
upper operating temperature			°C	140
colour				colourless-yellow
density	analogue to DIN 51 757	at 20°C	g/cm³	0.85
SKF-EMCOR Copper	DIN EN ISO 2160	3H_100C	corr. degree	1-100
FZG wear protection test	DIN ISO 14 635-01	A/8,3/90	power level	> 14
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. 143596

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

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