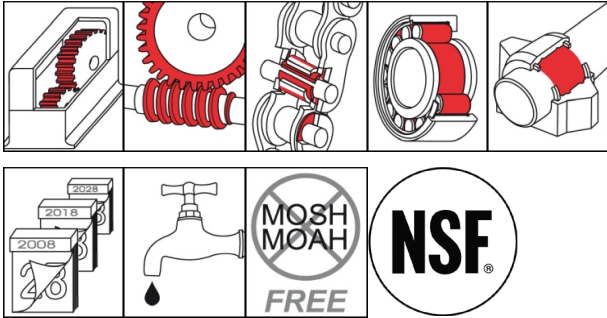


OKS 3730

Gear Oil, ISO VG 460



Description

Synthetic, high-performance Gear Oil ISO VG 460 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
- 200 l Drum

OKS 3730

Gear Oil, ISO VG 460

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 460
viscosity	DIN 51 562-1	at 40°C	mm²/s	460
viscosity	DIN 51 562-1	at 100°C	mm²/s	47
viscosity index	DIN ISO 2909			>175
viscosity class	DIN ISO 3448	DIN 51 562-1, 40°C	ISO VG	460
pour point	DIN ISO 3016	3°C step	°C	< -40
flashing point	DIN ISO 2592	> 79, open crucible	°C	> 250
lower operating temperature			°C	-40
upper operating temperature			°C	140
colour				colourless-yellow
density	DIN EN ISO 3838	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. 135753

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com

a brand of
 **FREUDENBERG**

The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark

Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
Our Customer and Technical service will be pleased to help should you have any further questions.