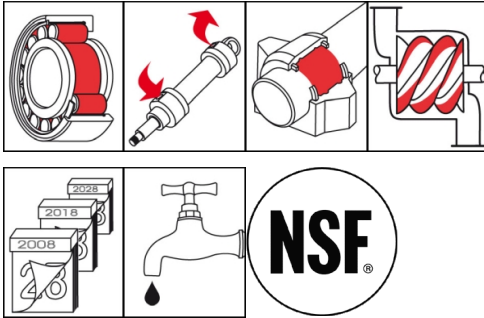


## OKS 3780

### Hydraulic Oil, ISO VG 68



#### Description

Fully synthetic oil of the ISO VG Class 68 for hydraulic systems and compressors in the food processing technology.

#### Applications

- Hydraulic oil for use in all areas of the food processing technology
- Compressor oil for screw and multiple vane rotary vacuum pumps at required oil ISO VG 68
- Lubrication of other machine elements, such as rolling and friction bearings in the food processing technology

#### Branches

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

#### Advantages and benefits

- NSF H1 registered
- Long operating times through excellent oxidation stability
- Good low-temperature behaviour
- Wide operating temperature range
- Resistant to cold and hot water, water steam, disinfectants and cleaning agents
- Reduces friction and wear
- Good corrosion protection
- Free of mineral oil
- Conforms to VDL requirements

#### Application tips

Clean the lubricating point for optimal effect. When switching over to food processing technology clean the hydraulic systems or reservoirs of compressors by flushing with OKS 3780. The manufacturer's instructions of the hydraulics, compressor or machine should be observed. Apply a sufficient amount of lubricant with a brush, drip oiler, by immersion or using a suitable automatic lubrication system. 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 3780 Hydraulic Oil, ISO VG 68

### Technical data

	Standard	Conditions	Unit	Value
<b>Main components</b>				
base oil				polyalphaolefine
<b>Application related technical data</b>				
marking	DIN 51 502			HLP HC 68
marking	DIN 51 502			VDL HC 68
viscosity (at 40°C)	DIN 51 562-1		mm²/s	68
viscosity at (100°C)	DIN 51 562-1		mm²/s	9.9
viscosity index	DIN ISO 2909	Process B		> 120
viscosity class	DIN ISO 3448	DIN 51 562-1, 40°C	ISO VG	68
pour point	DIN ISO 3016	3°C step	°C	≤ -45
flashing point	DIN ISO 2592	> 79, open crucible	°C	≥ 240
lower operating temperature			°C	-40
upper operating temperature			°C	135
colour				colourless
density (at 20°C)	DIN EN ISO 3838		g/cm³	0.83
<b>Properties and approvals</b>				
UFI				
approval for food processing technology				<a href="#">NSF H1, Reg.-Nr. 13636</a>

### 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](http://www.oks-germany.com)  
Our Customer and Technical service will be pleased to help should you have any further questions.