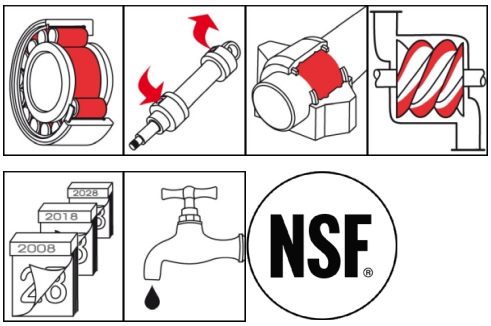


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

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

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
Application related technical data				
marking	DIN 51 502			HLP HC 68
marking	DIN 51 502			VDL HC 68
viscosity	DIN 51 562-1	at 40°C	mm^2/s	68
viscosity	DIN 51 562-1	at 100°C	mm^2/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-yellow
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.83
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 136036

Klüber Lubrication München GmbH & Co. KG
Geisenhausenerstraße 7 / 81379 München / Germany / phone +49 89 7876-0

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