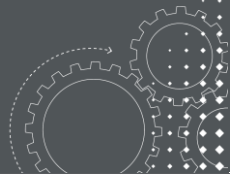


# KHS GEAR FLUID PG 460



\*example illustration

## oil - high performance gear lubricant

- ✓ resistance to micro-pitting
- ✓ minimum variation of viscosity
- ✓ high thermal stability
- ✓ good corrosion protection
- ✓ high efficiency in worm gear
- ✓ good water miscibility
- ✓ odorless and tasteless



KHS GEAR FLUID PG 460 is a high performance, anti-wear gear oil for the lubrication of worm gears, highly loaded gears and applications where high resistance to micro-pitting is needed, for the use in food and beverage processing equipment.

Registered by NSF (Class H1) for applications where an unintentional Contact of the lubricant with the food not completely can be excluded (lubricant with incidental food contact).

### application

worm gear

enclosed gearboxes

high load carrying capability, for extreme pressure applications

### machinery

InnoLine xTR

InnoPal

InnoKet

InnoClean

InnoPas

The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. KHS GmbH products are continually improved. Therefore the KHS GmbH reserves the right to change all the technical data in this document at any time without notice.



## compatibility

Nitrile rubber (NBR), Fluoro-Silicone or Vinyl-Methyl Polysiloxane (Q) are recommended especially where high temperatures are involved. Polyurethane based elastomers, leather, cork, asbestos paper and board should be avoided.

## application notes

When converting from mineral oil or PAO to KHS Gear Fluid PG, the old oil must first be drained while warm. Then the system must be rinsed with new oil. Drain this flushing oil completely and refill with new lubricant. Caution: Seals that have been in contact with mineral oil tend to shrink on contact with KHS Gear Fluid PG and may need to be replaced.

## storage

All lubricants for the food industry should be separate from other lubricants, Chemicals and food as well as protected from direct sunlight or others Heat sources are stored. storage temperature between 0 ° C and +40 ° C. Assuming that Product is stored under these conditions, We recommend starting it within 3 years Production date to consume. After this Opening the container must be within the product consumed by 2 years, however until at the latest 3 years from the date of production.

container	packing size	material number
22 ltr	1	301142110407
205 ltr	1	301142110409

characteristics	GEAR FLUID PG 460
NSF Reg. Nr	155657
colour	clean, amber coloring
type of base oil	syntetic
kin.visc 40°C [mm <sup>2</sup> /s]	477
kin.visc 100°C [mm <sup>2</sup> /s]	83
viscosity index	260
pourpoint [°C]	-36
flashpoint [°C]	220
standard designation (DIN 51502)	CLP PG 460