

KHS GEAR FLUID 460



*example illustration

oil - synthetic gear lubricant

- ✓ excellent anti-wear properties
- ✓ very good oxidation and mechanical stability
- ✓ distinctive high-pressure properties
- ✓ minimum variation of viscosity
- ✓ ageing resistant
- ✓ good corrosion protection
- ✓ odorless and tasteless



KHS GEAR FLUID 460 is a fully synthetic high performance gear oil with EP properties which have been specially developed for use in machinery used in the food and beverage processing and packaging industry. It is based on a careful blend of synthetic fluids and selected additives chosen for their ability to meet the stringent requirements of the food industry.

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

industrial gears

rolling element and plain bearings

general oil lubrication

machinery

Innoline
Innopal
Innoket
Innoclean
Innopack
Innocheck

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

Compatible with the elastomers, gaskets, seals and paints normally used in food machinery lubrication systems.

application notes

no data

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	301142110207
205 ltr	1	301142110209

characteristics	GEAR FLUID 460
NSF Reg. Nr	155655
colour	colourless
type of base oil	syntetic
kin.visc 40°C [mm ² /s]	460
kin.visc 100°C [mm ² /s]	43,8
viscosity index	148
pourpoint [°C]	-45
flashpoint [°C]	270
standard designation (DIN 51502)	CLP HC 460

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