

# AL-H



high temperature resistant  
NSF approval  
odourless and tasteless

WEICON AL-H is suitable for rolling bearings, sliding bearings, joints, spindles, spline shafts and linear guidance systems at all sliding speeds permitted for grease lubrication.

WEICON AL-H is particularly suited for usage in foodstuff technology.

## Technical data

Abbreviation (DIN 51502)	KPHC 1P -40
Consistency assignment (DIN 51818)	NLGI-class 1
Base	Aluminium complex soap / polyalphaolefine
Colour	yellowish-white
VKA-Test (DIN 51 350) welding load	1800 N
VKA-Test (DIN 51 350) goods load	1700 N
VKA-Test (DIN 51350) Spherical cap value (1 Min / 10°	0,6 mm
Speed identifying value	400 000
Worked penetration (DIN ISO 2137)	310-340 1/10 mm
Water resistance (DIN 51807)	1 - 90
Temperature resistance	-40 bis +160 °C
Drop point (IP 396)	>200 °C
Kinematic viscosity (DIN 51 562) +40°C	ca. 400 mm <sup>2</sup> /s
Kinematische Viskosität (DIN 51 562) +100°C	ca. 40 mm <sup>2</sup> /s
EMCOR-corrosion test (DIN 51 802)	1 / 1
Density at +20°C (DIN 51757)	0,93 g/cm <sup>3</sup>
Conforms to	NSF-H 1, LMBG Section 31 and Section 21
Shelf life at least	24 months

## Pretreatment of the surface

Clean surfaces.

## Processing

Apply AL-H evenly.

## Storage

Keep in closed original container. Do not store together with oxidizing agents. Keep container tightly closed and store at cool and aired place. Recommended storage temperature: room temperature.

## Note

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

## Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

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