

AL-H High Performance Grease



high temperature grease with 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
Density at +20°C (+68°F) (DIN 51757)	0,93 g/cm ³
VKA-TEST (DIN 51350) welding load	1.800 N
VKA-TEST (DIN 51350) goods load	1.700 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,6 mm
Speed identifying value	400.000
Worked penetration (DIN ISO 2137)	310 - 340 1/10 mm
Water resistance (DIN 51807)	1 - 90
Specific heat transfer capacity (20°C)	1,838 J/(g·K)
Thermal diffusivity (20°C)	0,230 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,394 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	29,6 kV/mm
Drop Point (IP 396)	> 200 °C
Kinematic viscosity (DIN 51562) at +40°C	400 mm ² /s
Kinematic viscosity (DIN 51562) at +100°C	40 mm ² /s

Note

The specifications and recommendations given in this technical data sheet 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 guarantee the continuously high quality of our products. 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.

EMCOR corrosion test (DIN 51 802)	1 / 1
Conforms to	NSF-H 1, LFGB Section 31 and Section 21
Storage stability	24 months
Temperature resistance	-40 to +160 °C
ISSA-Code	53.052.20/21
IMPA-Code	450439/40

Surface pre-treatment

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 ventilated place. Recommended storage temperature: room temperature.

Safety and health

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

Available sizes:

26500040	AL-H High Performance Grease 400 g
26500100	AL-H High Performance Grease 1,0 kg
26500500	AL-H High Performance Grease 5.0 kg
26500925	AL-H High Performance Grease 25.0 kg

Accessories:

10953001	Processing Spatula, short
10953003	Processing Spatula, long

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