



# **AL-T High Performance Grease**



## high temperature grease long-term lubrication

WEICON AL-T high performance grease is a universally usable high temperature grease for long-term lubrication. WEICON AL-T is suitable for rolling and sliding bearings, joints, levers, sliding guides, spindles, spline shafts and at all sliding speeds permitted for grease lubrication.

#### **Technical Data**

lecilitai Data	
Abbreviation (DIN 51502)	KPL 2 R -20
Consistency assignment (DIN 51818)	NLGI-Class 2
Base A	luminium complex soap / mineral oil
Colour	darkbrown
Density at +20°C (+68°F) (DIN 51757)	0,94 g/cm <sup>3</sup>
VKA-TEST (DIN 51350) welding load	2.400 N
VKA-TEST (DIN 51350) goods load	2.200 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1	000N) 2,0 mm
Speed identifying value	400.000
Worked penetration ( DIN ISO 2137)	265 - 295 1/10 mm
Water resistance (DIN 51807)	0 - 90
Specific heat transfer capacity (20°C)	1,490 J/(g·K)
Thermal diffusivity (20°C)	0,265 mm²/s
Thermal conductivity (ISO 22007-4) (20°C)	0,372 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	11,0 kV/mm
Drop Point (IP 396)	> 210 °C
Kinematic viscosity (DIN 51562) at +40°C	230 mm²/s
Kinematic viscosity (DIN 51562) at +100°C	16 mm²/s
EMCOR corrosion test (DIN 51 802)	0 / 0
Storage stability	24 months
Temperature resistance	-25 to +190 °C
IMPA-Code	450444/45

### Surface pre-treatment

Clean surfaces.

#### Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge. On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

#### 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:

AL-T High Performance Grease 400 g
AL-T High Performance Grease 1.0 kg
AL-T High Performance Grease 5.0 kg
AL-T High Performance Grease 25.0 kg

### Accessories: 10953001

10953001	
10953003	

Processing Spatula, Processing Spatula,

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.

WEICON GmbH & Co. KG (Headquarters) Germany phone +49 (0) 251 9322 0 info@weicon.de www.weicon.de

WEICON SA (Pty) Ltd South Africa phone +27 (0) 21 709 0088 info@weicon.co.za www.weicon.co.za WEICON Middle East L.L.C. United Arab Emirates phone +971 4 880 25 05 info@weicon.ae www.weicon.ae

WEICON South East Asia Pte Ltd Singapore phone (+65) 6710 7671 info@weicon.com.sg www.weicon.com.sg WEICON Inc. Canada phone +1 877 620 8889 info@weicon.ca www.weicon.ca

WEICON Czech Republic s.r.o. Czech Republic phone +42 (0) 417 533 013 info@weicon.cz www.weicon.cz WEICON Kimya Sanayi Tic. Ltd. Şti. Turkey phone +90 (0) 212 465 33 65 info@weicon.com.tr www.weicon.com.tr

WEICON Ibérica S.L. Spain phone +34 (0) 914 7997 34 info@weicon.es www.weicon.es

#### DANLUBE A/S Tune Parkvej 5 DK-4030 Tune Denmark +45 70 25 12 80 info@danlube.dk

www.danlube.dk