



special lubricant for underwater applications

AL-W high performance grease is a special lubricant and corrosion protection which can also be used for underwater applications. WEICON AL-W offers effective protection against aggressive liquids such as sea or wastewater, both in the maritime sector and in wet plants.

WEICON AL-W is suitable for rolling and sliding bearings even in mixed friction operation, for joints, levers, sliding guides, spindles, spline shafts, open gears, worm gears, chains and wire cables and at all sliding speeds permitted for grease lubrication.

ISSA: 53.052.10/11

Technical data

Abbreviation (DIN 51502)	KPL 1-2 E -25
Consistency assignment (DIN 51818)	NLGI-class 1-2
Base	Spec. calcium soap / mineral oil
Colour	beige
VKA-Test (DIN 51 350) welding load	3400 N
VKA-Test (DIN 51 350) goods load	3200 N
VKA-Test (DIN 51350) Spherical cap value (1 Min / 10)	0,7 mm
Speed identifying value	350 000
Worked penetration (DIN ISO 2137)	285-315 1/10 mm
Water resistance (DIN 51807)	0 - 40
Temperature resistance	-25 bis +80 °C
Drop point (IP 396)	>100 °C
Kinematic viscosity (DIN 51 562) +40°C	ca. 100 mm ² /s
Kinematiscche Viskosität (DIN 51 562) +100°C	ca. 9 mm ² /s
EMCOR-corrosion test (DIN 51 802)	0 / 0
Density at +20°C (DIN 51757)	0,94 g/cm ³
Conforms to	Federal German Armed Forces TL 9150-0066, NATO specification G-460
Shelf life at least	24 months

Pretreatment of the surface

Clean surfaces.

Processing

Apply AL-W 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) must be observed.

WEICON GmbH & Co. KG (Headquarter)

Königsberger Str. 255 · DE-48157 Münster
P.O. Box 84 60 · DE-48045 Münster
Germany

Tel. +49 (0) 251 / 93 22-0
Fax +49 (0) 251 / 93 22-244
Fax +49 (0) 251 / 93 22-233 Export
www.weicon.de · info@weicon.de

WEICON Middle East L.L.C.

Jebel Ali Ind Area 3 · P.O. Box 118 216
Dubai · U.A.E

Phone +971 4 880 25 05
Fax +971 4 880 25 09
Mobile +971 50 545 99 83
www.weicon.ae · info@weicon.ae

WEICON Inc.

20 Steckle Place · Unit 20
Kitchener · Ontario · N2E 2C3
Canada

Phone +1 519 896 5252
Fax +1 519 896 5254
Cell +1 519 590 5168
www.weicon.ca · info@weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.

Yenibosna Mahallesi Yalçın Koreş Caddesi
Arıfağa Sokak No: 29 Kat: 3
34530 Yenibosna – İstanbul Turkey
www.weicon.biz.tr · info@weicon.biz.tr

WEICON Romania SRL

Str. Podului Nr.1
547176 Budiu Mic (Targu Mures)
www.weicon.com · office@weicon.com