

# Allround Lubricant AL-M

## Introduction

Modern high performance lubricants, which meet the constantly increasing demands placed on plant and equipment, are increasingly gaining in significance.

The main demand placed upon such high performance lubricants is the maximum power transmission with minimal friction and minimal wear. Moreover, additional properties such as water resistance, chemicals resistance, plastics compatibility or protection against corrosion must be observed.

WEICON Allround Lubricant high performance greases are specially developed to meet these high demands.



Strong-bonding and high pressure-resistant long-life grease with MoS<sub>2</sub>. Friction and wear are reduced for a long time.

Suitable for:

- roller and sliding bearings
- pivoted bearings, levers, sliding guides
- spindles, camshafts and spline shafts
- springs (e.g. leaf springs)
- open gears (e.g. gear rims)
- worm gears

at all sliding speeds permissible for grease lubrication.

## Technical data

Abbreviation (DIN 51502)	KF 2 K-20
Consistency assignment (DIN 51818)	NLGI-class 2
Base	Li/Ca soap / MoS <sub>2</sub> / mineral oil
Colour	black
VKA-Test (DIN 51 350) welding load	3200 N
VKA-Test (DIN 51 350) goods load	3000 N
VKA-Test (DIN 51350) Spherical cap value (1 Min / 10	0,5 mm
Speed identifying value	250 000
Worked penetration (DIN ISO 2137)	265-295 1/10 mm
Water resistance (DIN 51807)	1 - 90
Temperature resistance	-20 to +120 °C
Drop point (IP 396)	>170 °C
Kinematic viscosity (DIN 51 562) +40°C	about. 185 mm <sup>2</sup> /s
Kinematische Viskosität (DIN 51 562) +100°C	about. 14 mm <sup>2</sup> /s
EMCOR-corrosion test (DIN 51 802)	0 / 0
Density at +20°C (DIN 51757)	0,92 g/cm <sup>3</sup>
Shelf life at least	24 months

## Pretreatment of the surface

Clean surfaces.

## Processing

Apply AL-M 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.

### 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  
Arifağa Sokak No: 29 Kat: 3  
34530 Yenibosna – İstanbul Turkey  
www.weicon.biz.tr · info@weicon.biz.tr

### WEICON Romania SRL

Str. Depozitelor 22  
540240 Targu Mures, jud. Mures Romania  
www.weicon.com · office@weicon.com