

高效润滑脂AL-M



含二硫化钼的长效润滑剂 附着力强，耐压

WEICON AL-M 能长效降低摩擦和磨损，可用于润滑各种滚轧和滑动轴承、接头、杠杆、滑道、主轴、凸轮轴、花键轴、弹簧、开式齿轮装置、螺旋齿等。

技术参数

缩写 (DIN 51502)	KF 2 K -20
稠度(依据 DIN 51818)	NLGI-第2级
基础成分	锂/钙皂/二硫化钼/矿物油
颜色	黑色
温度+20°C (依据 DIN 51757)时的密度	0,92 g/cm ³
四球摩擦实验(依据 DIN 51350) 烧结负荷	3.000 N
四球摩擦实验(依据 DIN 51350) 最大无卡咬负荷	3.200 N
四球摩擦实验(依据 DIN 51350) 球冠值(1Min/1000N)	0,5 mm
润滑脂的锥体针入度 (DIN ISO 2137)	265 - 295 1/10 mm
防水性(依据 DIN 51807)	1 - 90
比热容(20°C)	1,766 J/(g·K)
热扩散率(20°C)	0,303 mm ² /s
热传导率(ISO 22007-4) (20°C)	0,491 W/m·K
介电强度(DIN EN 60243-1)(20°C)	11,5 kV/mm
滴点 (IP 396)	> 170 °C
运动粘度 (+40°C DIN 51562)	185 mm ² /s
运动粘度 (+100°C DIN 51562)	14 mm ² /s
EMCOR-腐蚀测试 (DIN 51 802)	0 / 0
保存期限	24 个月
耐温性	-20 至 +120 °C
ISSA 编码	53.052.01/02
IMPA 编码	450435/36

表面预处理
进行表面清洁。

操作
均匀涂抹 AL-M。

储藏
原包装密封保存。勿与氧化剂共同存放。将产品密封保存于阴凉、通风的地方。建议储藏温度：室温。

安全与健康
使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表 (www.weicon.com) 的具体信息。

包装

26400040	高效润滑脂AL-M 400 g
26400100	高效润滑脂AL-M 1,0 kg
26400500	高效润滑脂AL-M 5,0 kg
26400925	高效润滑脂AL-M 25,0 kg

产品配件

10953001	处理抹刀, 短
10953003	处理抹刀, 长

提示
本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

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

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730
763
office@weicon.com
www.weicon.com.ro

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it

AL-M High Performance Grease



long-life grease with MoS2
strong adhesion and high pressure resistant

WEICON AL-M reduces friction and wear for a long time and is suited for rolling and slide bearings, joints, levers, sliding guides, spindles, camshafts, spline shafts, springs, open gears, worm gears and at all sliding speeds permitted for grease lubrication.

Technical Data

Abbreviation (DIN 51502)	KF 2 K -20
Consistency assignment (DIN 51818)	NLGI-Class 1
Base	Li/Ca soap / MoS2 / mineral oil
Colour	black
Density at +20°C (+68°F) (DIN 51757)	0,92 g/cm ³
VKA-TEST (DIN 51350) welding load	3.000 N
VKA-TEST (DIN 51350) goods load	3.200 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,5 mm
Worked penetration (DIN ISO 2137)	265 - 295 1/10 mm
Water resistance (DIN 51807)	1 - 90
Specific heat transfer capacity (20°C)	1,766 J/(g·K)
Thermal diffusivity (20°C)	0,303 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,491 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	11,5 kV/mm
Drop Point (IP 396)	> 170 °C
Kinematic viscosity (DIN 51562) at +40°C	185 mm ² /s
Kinematic viscosity (DIN 51562) at +100°C	14 mm ² /s
EMCOR corrosion test (DIN 51 802)	0 / 0
Storage stability	24 months
Temperature resistance	-20 to +120 °C
ISSA-Code	53.052.01/02
IMPA-Code	450435/36

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.

Surface pre-treatment

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 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:

26400040	AL-M High Performance Grease 400 g
26400100	AL-M High Performance Grease 1.0 kg
26400500	AL-M High Performance Grease 5.0 kg
26400925	AL-M High Performance Grease 25.0 kg

Accessories:

10953001	Processing Spatula, short
10953003	Processing Spatula, long

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(Headquarters)
Germany
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United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae
www.weicon.ae

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info@weicon.com.tr
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phone +40 (0) 3 65 730 763
office@weicon.com
www.weicon.com.ro

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phone +27 (0) 21 709 0088
info@weicon.co.za
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phone (+65) 6710 7671
info@weicon.com.sg
www.weicon.com.sg

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www.weicon.cz

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

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Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it