

Klüberlub EM 41-142

High-performance and wear-reducing grease containing solid lubricant



Your benefits at a glance

- High-performance grease based on mineral oil
- Contains molybdenum disulphide
- Good pressure resistance and wear protection
- High water resistance
- Good corrosion protection
- Resistant to oxidation and ageing
- For long-term and lifetime lubrication

Your requirements - our solution

Klüberlub EM 41-142 is a high-performance grease based on mineral oil, lithium soap as well as MoS₂, EP and anticorrosion additives. Klüberlub EM 41-142 offers good resistance to water, good corrosion protection and resistance to oxidation and ageing. It reduces friction and wear and ensures longer relubrication intervals.

Application

High-performance grease for long-term and lifetime lubrication, for example in the automotive field for window lifters, clutches, brakes,

hinges, pedals, and especially for steel/steel material combinations under high loads.

Owing to the many different elastomer and plastic compositions their compatibility has to be checked prior to series applications.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klüberlub EM 41-142
Can 1 kg	+
Bucket 25 kg	+
Bucket 50 kg	+
Drum 180 kg	+

Characteristics	Klüberlub EM 41-142
Article number	020281
Composition, solid lubricant	molybdenum disulphide
Composition, thickener	lithium soap
Composition, type of oil	mineral oil
Colour space	black
Texture	fibrous , homogeneous
Service temperature, lower limit	-25 °C

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Characteristics	Klüberlub EM 41-142
Service temperature, upper limit	120 °C
Density, Klüber method: PN 024, 20°C	approx. 0.93 g/cm ³
NLGI grade, DIN 51818	2
Copper corrosion, DIN 51811, 24 h, 100°C	≤ 2 - 100 - 24 corrosion degree
Oil separation, DIN 51817 N, 168 h, 40°C	≤ 5 % by weight
Flow pressure, DIN 51805-2, -25°C	≤ 1400 mbar
Dropping point, DIN ISO 2176 / IP 396	≥ 180 °C
Oxidation stability, ASTM D942, 100, 99°C, pressure drop	≤ 0.5 bar
Four-ball tester, welding load, DIN 51350-4	≥ 3800 N
Water resistance, DIN 51807-1, 3 h, 90°C	≤ 1 - 90 rating
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 36 months	

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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