

RC-Grease K2 K

lithium-base lubricating grease



RC-Grease K2 K lithium based lubricating grease produced from the mixture of highly refined mineral oil and reconditioned clean industrial lubricating oils with lithium soap.

The product has good mechanical stability and water resistance, it provides the equipment reduced wear and friction and good corrosion protection.

Suitable for lubricating rolling bearings, running at normal pressure and speed at usual temperature range. It is also suitable for lubrication of pivots, springs and wire ropes exposed to medium loads.

RC-Grease K2 K has moderately soft consistency, smooth structure and brown colour.
Temperature range: between -25°C and +110°C

Application



Low- and medium-duty rolling bearings

Threads, bolts, joints, springs

Wire ropes

Normal temperature applications

Individual lubrication systems

Features and benefits

Good mechanical and storage stability

Retains stable structure under load, so no softening of lubricating grease and no running off the lubrication point
Long-term storage is possible without oil separation or lubricating grease hardening

Good wear protection

Wear between contacting surfaces is reduced
Contributes to increasing equipment lifetime
Reliable equipment protection and long machine lifetime

Excellent static water resistance

Provides reliable lubrication for equipment operating outdoors
No softening or running off the lubrication point in wet, humid environments

Low coefficient of friction

Lower operating temperatures, giving increased lubricant lifetimes
Heat generated during movement of filaments in wire cables is reduced, so lubricant service life is increased

Good oxidation stability

Slow natural ageing process, long equipment and oil lifetime

Excellent yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

Specifications and approvals

NLGI grade: NLGI 2
DIN 51502: K2K-25
ISO 6743-9: L-XBCEA 2

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Properties

Properties	Typical values
Appearance	dark brown, homogeneous
Base oil viscosity at 40 °C [mm ² /s]	100
Dropping point [°C]	195
Penetration change after 10000 strokes at 25 °C [0,1 mm]	25
Oxidation stability at 100 h / 100 °C pressure drop [kPa]	25
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
Static Water-resistance at 90 °C	1-90
Penetration after 60 strokes at 25 °C [0,1 mm]	285
*Oil separation (72 h, 40 °C) [mass %]	3
*Oil separation (7 days, 40 °C) [mass %]	4,5

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

The product does not contain any toxic materials. During storage and handling the product usual health safety regulations for mineral oil products should be observed. It should be stored at covered place, free of direct sunlight and moisture.

In the original container under the recommended storage conditions: 36 months

Recommended storage temperature: -5°C - +45°C

Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13009707	RC-Grease K2 K 8KG	8 kg plastic pail (for order only)
13009770	RC-Grease K2 K 50KG	60 l steel drum (for order only)
13009701	RC-Grease K2 K 180KG	213 l steel drum (for order only)

Order booking:

Please contact your local distributor or sales partner for ordering details.