

Aykos EP-RADLAGERFETT KP2N-30



EP high-temperature grease for long-term lubrication

Product description and properties

Aykos EP-RADLAGERFETT KP2N-30 is a blue high-performance EP grease based on particularly ageing-resistant semi-synthetic base oils. It is ideal for the long-term lubrication of roller and plain bearings under normal to high operating temperatures and high mechanical loads. Typical areas of application are wheel bearing lubrication for cars, lorries and construction machinery. The recommended service temperature range is between -30 °C and +150 °C, short-term temperature peaks of up to +200 °C are permissible.

Aykos EP-RADLAGERFETT KP2N-30 provides:

- High mechanical strength.
- Reliable rust protection.
- Insensitive to moisture.
- Temperature resistant.
- Durable and resistant to ageing.
- Suitable for high pressure loads.

Application

Aykos EP-RADLAGERFETT KP2N-30 is particularly suitable for the lubrication of car and lorry wheel bearings as well as bearings in forging presses, hot calenders, paper machines, electric motors, hot forming machines, transport equipment and manipulators in the metallurgical industry.

Specifications / Recommendations

NLGI-KLASSE 2
ISO 6743

DIN 51502-KP2N-30
ISO-X-CDEB2

Reference values

Aykos EP-RADLAGERFETT KP2N-30	unit	Min	Max	Typical (Li-X)	Method
Service temperature range*	°C	-30	150		
Short-term temperature peak*	°C		200		
Dropping point	°C	250			DIN ISO 2176
Worked penetration after 60 DH	mm ² /s	265	295		DIN ISO 2137
Penetration after 100.000 DH	mm ² /s		30		DIN ISO 2137
Base oil - viscosity at 40°C	mm ² /s			170	DIN 51 562-01
Emcor - Test, distilled water				0-0	DIN 51 802
Water resistance				1-90	DIN 51 807-01
Corrosion effect on copper				1-140	DIN 51 811
Mechanical-dynamic testing FAG - FE 9	h			F50>100	DIN 51821-02-B/1500/6000-150
Flow pressure at -30 °C	hPa		1400		DIN 51 805
Designation				KP 2 N-30	DIN 51 502

*The service temperature range and short-term permissible temperature peaks should only be regarded as guide values, which may depend on the specific application and environmental influences.

Article no: 119651-XXX

We reserve the right to make changes to the technical data.
Please observe the regulations of the machine manufacturer.
For further information, please refer to the safety data sheet.

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