

Thermoflex Plus E



Description

Easy-delivery special grease with superb adhesion and a wide range of operating temperatures. Formulated based on fully synthetic oils. Convincing thanks to very good compatibility with plastics, extreme resistance to aging and high corrosion protection. For lifetime lubrication of plastic/plastic, plastic/metal and metal/metal pairings.

Properties

- wide operating temperature range
- friction and wear reducing
- optimum stability to aging
- very compatible with plastics
- outstanding corrosion protection
- particularly suitable for low and moderate surface pressures as well as high speed factors
- very good protection against wear, even under higher load
- universal application

Technical data

Brief description	KHC2N-50
Thickener	Li-soap
Base oil	Fully synthetic
Operating temperature range	-50 - +140 °C
Worked penetration	280 1/10 mm DIN ISO 2137
NLGI number	2 DIN 51818
Color / appearance	bright, slightly transparent
Dropping point	>185 °C
Base oil viscosity 40°C	ca. 30 mm ² /s
Base oil viscosity 100°C	ca. 6 mm ² /s
Flow pressure at -40 °C	>1400 mbar
Behavior in the presence of water	1-90
Four-ball tester material load/weld force	>2000 N

Areas of application

For lubrication of fast-running bearings, worm drives and similar industrial transmissions. Especially for metal/plastic or metal/metal and plastic/plastic friction pairings in small transmissions as well as for the lubrication of fine mechanical parts, etc., components in the low temperature range as well as components which are subject to a wide operating temperature range.

Application

As usual when using grease. Note the instructions of the bearing and machine manufacturers.

Available pack sizes

5 kg Bucket plastic	21462 D-GB
15 kg Bucket plastic	21669 D-GB

Our information is based on thorough research and may be considered reliable, although not legally binding.