

Thermoflex

Description

Easy-delivery transmission grease with superb adhesion and a wide range of operating temperatures. Very high level of compatibility with plastics, aging stability and corrosion protection. For lubricating plastic/plastic and plastic/metal pairings. Complies with grease classification in accordance with DIN 51502: KHC2N-50; VW TL 778A

Properties

- friction and wear reducing
- universal application
- very compatible with plastics
- broad operating temperature range
- optimum stability to aging
- good corrosion protection
- optimizes economical use
- high load-bearing capacity

Technical data

Brief description	KHC2N-50 DIN 51502
Saponification type	Lithium
Base oil	synth. PAO
Operating temperature range	-50 --+140 °C
Color / appearance	braun
NLGI number	2 DIN 51818
Dropping point	190 °C DIN ISO 2176
Viscosity at 40 °C	18 mm ² /s ASTM D 7042-04
Four-ball tester material load/weld force	2000 N unter
Worked penetration	275-290 1/10 mm DIN ISO 2137
Oil separation after 7 days at 40 °C	4,2 % DIN 51817
Oil separation after 18 hours at 40 °C	2,1 % DIN 51817
Flow pressure at -40 °C	<1400 mbar DIN 51805
Emcor corrosion class	1/0 DIN 51802
Copper corrosion after 24 hours at 100 °C	1 b DIN 51811
Behavior in the presence of water	1-90 DIN 51807 Teil 1

Technical data

Flash point	230 °C DIN ISO 2592
Pour point	<-60 °C DIN ISO 3016

Areas of application

Lubrication of fast-running bearings, worm drives and similar industrial transmissions. Specially suitable for metal/plastic pairings in small transmissions and the lubrication of weapon components etc.

Application

As usual for grease. Follow the instructions of the bearing manufacturer. Do not mix with other greases.

Available pack sizes

370 g Cartridge plastic	3352 D-GB-E-F-NL
900 g Can sheet metal	4048 D-GB-I-E-P
5 kg Bucket plastic	4049 D-GB
165 kg Drum sheet metal	4047 D-GB

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

