



Long-term Machine Grease **diamant**[®]

Version: 03.09.2025

Thanks to its special additive technology, it has a lubricating effect, is resistant to aging, and has very good properties in terms of wear and corrosion protection as well as good low-temperature behavior.

Areas of application

Especially suitable for lubricating heavily loaded roller and plain bearings, particularly in damp conditions. Its exceptionally adhesive lubricating film and water-repellent effect make it particularly suitable for machines and vehicles in the construction and agricultural industries. Especially suitable for lubrication points subject to critical stresses such as high humidity, salt water exposure, and impact loads.

Soap base	Calcium saponified
Abbreviation	KP2G-30 DIN 51502
Drop point	150 °C DIN ISO 2176
Walk penetration	265-295 1/10mm DIN ISO 2137
NLGI	2 DIN 51818
Base oil	Mineral oil
Temperature range	-30 up to + 110 °C

Properties

Water repellent

Adhesive

Good aging resistance

Corrosion protection



Technical Data Sheet

Oil separation after 18 hours at 40°C	0,4 % DIN 51817
Oil separation after 7 days at 40°C	1,6 % DIN 51817
Flow pressure at -30°C	<14,00 mbar DIN 51805
Emcor corrosion degree	0/0 DIN 51802
Copper corrosion after 24 hours at 100°C	1:00 AM DIN 51811
Behavior towards water	0-90 DIN 51807 Part 1
VKA Good/welding force	2200/2400 N DIN 51350 Part 4
VKA	1,98 mm DIN 51811
Wear/calotte diameter	800,0 mm ² /s ASTM D 7042-0,4
Viscosity at 40°C	230 °C DIN ISO 2592
Flash point	-30 °C DIN ISO 3016

The information contained herein were established with care and represent average values. However, the product is sold without obligation or warranty expressed or implied. The fields of application depend on the recipes of the consumers and the relevant quality confirmation.