

MAXIGRAS 5712

DESCRIPTION:

100% synthetic lubricating grease formulated with a PAO/diester base and lithium soap, suitable for friction and roller bearings that work at high speed.

PROPERTIES AND ADVANTAGES:

- ✓ Excellent lubricity at high and low temperature.
- ✓ Good resistance to corrosion and oxidation.
- ✓ Long life tested by SKF test on high-speed bearings.
- ✓ Good behaviour under normal conditions and shock loads.
- ✓ Thanks to the extremely low freezing point of the bases used (below -65 °C), it easily passes the torque test at -54 °C (standard ASTM D-1478) and can reach -70 °C (extrapolated data thanks to the physical characteristics of the bases used).
- ✓ High drip point, allowing lubrication in conditions up to 120 °C.

APPLICATIONS

- ✓ Lubrication of friction and roller bearings working at high speed and under medium load.
- ✓ Plain and precision bearings.
- ✓ Mechanical elements working in extreme low-temperature conditions

SPECIFICATIONS / QUALITY LEVEL

CLASSIFICATION / GRADE	NLGI 2/1
DIN 51502	KEHC2K-60
ISO 6743/9	L-XECHA-2/1



Low Temps.



High
Revolutions

TECHNICAL DATA

PROPERTIES	SPECIFICATION	VALUE
Consistency (NLGI Grade)	DIN 51818	2 / 1
Penetration (60W), 25 °C	ASTM D-217	285 - 315
Thickener (Nature)	-	Lithium
Colour	Visual	Cream - marble
Viscosity of base oil at 40 °C (cSt)	ASTM D-445	15 – 20
Viscosity of base oil at 100 °C (cSt)	ASTM D-445	4 – 4.5
Penetration (10 ⁵ W), 25 °C, max.	ASTM D-217	345
Drop point, °C (°F)	ASTM D-2265	> 180 (356)
Resistance to water, 3 hrs., 90 °C (Grade)	DIN 51807/1	1
Oil separation, 7 days, 40 °C, static	DIN 51817	1 - 5
Grease duration on bearings (hours) SKF test, 2000 rpm, 110 °C	-	1000
EMKOR corrosion, distilled water	DIN 51802	0/0
Copper strip corrosion, 3 hrs., 100 °C	ASTM D-130	1b

PRECAUTIONS FOR USE:

MAXIGRAS 5712 can be applied with a lubrication pump, brush, or spatula. It can also be pumped by automatic systems, with the prior consultation of the manufacturer.

MAXIGRAS 5712 is compatible with any equally-based grease (thickener and oil). If in doubt, consult our technical department.

PRESENTATION:

5 L and 20 L bottles and 200 L barrels.

1407