

MAXIGRAS COMPLEX SP 46

Pg. 1 of 2

DESCRIPTION:

100% synthetic grease especially designed to work at low temperatures and/or high rpm.

PROPERTIES:

- Excellent performance at low temperatures. Thanks to the technology of its thickener, it adds low coefficients of friction and excellent pumpability in cold down to -50 °C (-58 °F).
- Good resistance to humidity and water washout.
- Protection against wear, corrosion and oxidation.
- Long-life properties, suitable for grease points for life or inaccessible elements for lubrication.
- Working temperature from -50 °C (-58 °F) under static or low speed lubrication and up to +120 °C (+248 °F) at medium-high speeds, and peaks up to +140 °C (+284 °F) under static lubrication.
- Its advanced formulation also prevents hardening of conventional greases.
- Stable against mechanical work and vibrations, even in the presence of contamination by water.

APPLICATIONS:

- Bearings working at low-medium loads and/or high turning speeds.
- Plain and precision bearings.
- Lightly loaded gearboxes and gears.
- Mechanical elements operating at very low temperatures, blast freezers, cold rooms.
- Centralized lubrication systems, couplings, sliders.

SPECIFICATIONS:

CLASSIFICATION / GRADE	NLGI 2
DIN 51502	KPHC2K-50
ISO 6743/9	L-XECEB-2



High rpm.



Low Temp.



**BEIGE
COLOR**

MAXIGRAS COMPLEX SP 46

Pg. 2 of 2

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Consistency (NLGI grade)	DIN 51818	2
Thickener (nature)	---	Organic complex thickener
Color	Visual	Beige
Base oil (ISO viscosity grade)	ISO 3448	46
Dropping point, °C (°F)	ASTM D-2265	> 230 (446)
Water resistance, 3h, 90 °C (Grade)	DIN 51807	1
4-ball EP test, welding (kg)	IP-239	> 200
4-ball Wear test, scar (mm)	ASTM D-2266	< 0.7
Speed rate, n-dm (mm x min-1)	---	1,000,000
Fluidity at -50 °C (hPa)	DIN 51805	≤ 800

Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.

HOW TO USE:

MAXIGRAS COMPLEX SP 46 can be applied by manual pump, brush or spatula. It can also be pumped through automated systems, in consultation with the manufacturer.

MAXIGRAS COMPLEX SP 46 is compatible with any grease with the same base (thickener and oil). If in doubt please contact our technical department.

PACKAGING:

5L bucket, 20L pail and 50L drum.

"Packaging" refers to the standard capacities of the packages. The net quantity of packed product may vary according to the type of grease and the raw material used, and it is recorded on each batch of packaging.