

Technical Data Sheet

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Properties: AKEMI® PTFE Super Lube is a lubricant based on a mixture of mineral oils, adhesion and anti-wear additives, antioxidants, corrosion inhibitors as well as PTFE.

The product is characterized by the following properties:

- free of silicone
- free of acid
- excellent lubrication even under high load
- reduces wear and friction

Application Area: AKEMI® PTFE Super Lube is designed leave a high degree of both lubricating and protection against water ingress and corrosion of general moving components of machine components, threaded rods, chains and cables.

Instructions for Use:

1. Shake well before use.
2. Spray directly onto moving parts of the component requiring lubricating from a distance of 15 to 20 cm.
3. Do not use during food manufacturing or transportation.

Special Notes:

- For professional use only.
- For proper waste disposal, the container must be completely emptied.
- Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

Technical Data:

Colour:	yellow
Consistency:	gel-like liquid
Temperature resistance:	-35°C up to 200°C
viscosity characteristics (cinematically):	
20°C	750 - 800 mm ² /s
40°C	250 - 300 mm ² /s
100°C	60 - 65 mm ² /s
Timken O.K. load:	> 50 (ASTM D 2782)
4-ball welding (DIN 51350): pressure load (EP)	1500 Upm, O.K. load 2200N, welding load 2300N
anti-wear characteristic value:	scar diameter / 1500 Upm / 1 h / 200N: 0.30
Water separation / demulsifying:	
Corrosion ASTM D 665:	
Distilled water:	no corrosion (ASTM D 665)
Sea water:	no corrosion (ASTM D 665)
Density:	0.687 g/ml (20°C)

Storage: If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 24 months from production.

Health & Safety: Read Safety Data Sheet before handling or using this product.

TDS 11.25

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Important Notice:

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece.