

## HIGHTEC SUNLUB® FORM 100

Environmentally-friendly, high-performance lubricant for metal forming. The sustainable and chlorine-free alternative to high-alloy forming oils. Economical and eco-friendly. Benefit twice and opt for HIGHTECH MIT GUTEM GEWISSEN® (Hightech with a clear conscience)

### Description

HIGHTEC SUNLUB® FORM 100 Form is suitable for nearly all non-cutting metal forming areas and is thus the chlorine-free alternative to classic forming oils. The considerably higher polarity of High Oleic Technology in conjunction with the most advanced additive technology guarantees first-rate performance under high pressure. Suitable for use in both non-ferrous metals as well as high-alloy steels and aluminium



### Application

HIGHTEC SUNLUB® FORM 100 Form is particularly suitable for cutting, drawing and forming sheet metal with medium to thick sheet thicknesses. The good EP properties of the High Oleic Technology allow the machining of high-alloy steel parts with reinforced wall thicknesses.

### Advantages

- High Oleic Technology
- Prolonged tool life
- Optimal surface finish
- High flash point
- Low evaporation rate
- Environmentally-friendly
- Readily biodegradable
- CO2-neutral base oil
- Sustainable environmental protection

### Recommendation

Certified for use in the food industry

### Notes

- Rinse the oil circulation system in advance and clean the tank before changing to HIGHTEC SUNLUB® FORM 100. Store the product in a dry and frost-free environment.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.95
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	100
Viscosity index	ASTM D2270	-	>170
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	230
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>50
VKA welding force	DIN 51 350/4	N	5000
Brugger	DIN 51 347 / 2	N/mm <sup>2</sup>	70

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

