

HIGHTEC SUNLUB[®] CUT 45

Environmentally-friendly, water-immiscible, high-performance metal-working oil. The sustainable and chlorine-free alternative to fully blended metal-working oils. Economical and eco-friendly. Benefit twice and opt for HIGHTECH MIT GUTEM GEWISSEN[®] (Hightech with a clear conscience)

Description

The HIGHTEC SUNLUB[®] Cut additive packages are designed to machine high-strength materials. The considerably higher lubricity of High Oleic Technology in conjunction with the most advanced additive technology facilitates the use of both non-ferrous metals as well as high-alloy steels and aluminium.



Recommendation

Certified for use in the food industry

Notices

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

Application

HIGHTEC SUNLUB[®] Cut is particularly suitable for machining modes such as broaching, thread cutting, automatic screw production, gear machining, drilling, milling, sawing, generally for use on turning lathes and revolver lathes for the most difficult-to-cut steels, non-ferrous metals and cast iron. The High Oleic Technology also makes the machining of aluminium and magnesium possible.

Benefits

- 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

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,92
VKA welding force	DIN 51 350-4	N	2400
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	46
Viscosity index	ASTM D-7042	-	>170
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>50
Brugger	DIN 51 347 / 2	N/mm ²	50

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

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