

## HIGHTEC SUNLUB® ULTRAINDUSTRY 46

Environmentally-friendly, high-performance, industrial hydraulic oil with a pronounced energy efficiency potential. Economical and eco-friendly. Benefit twice and opt for HIGHTECH MIT GUTEM GEWISSEN® (Hightech with a clear conscience)

### Description

HIGHTEC SUNLUB® ULTRAINDUSTRY 46 is characterised by its optimal low-viscosity properties. The base oil's permanent and natural properties with respect to lubricating properties, wear reduction and pressure stability are significantly superior to mineral-based base oils. HIGHTEC SUNLUB® ULTRAINDUSTRY 46 permits extended oil change intervals and has first-rate and permanent multigrade characteristics.



### Application

HIGHTEC SUNLUB® ULTRAINDUSTRY 46 is developed specifically for industrial hydraulic systems operating under mechanical and thermal loads, such as injection moulding machines, presses, extruders or other machine tools. HIGHTEC SUNLUB® ULTRAINDUSTRY 46 is particularly suitable for use in the production of food and food packaging due to its certification as a H1 lubricant.

### Approvals

- Alpla-Soplar
- Engel

### The quality of this product is equivalent to EU regulations

- ISO 15380 HETG

### Additionally this product is recommended when the following filling instructions are required

- AMF
- Demag-Sumitomo
- Dr. Boy
- Klöckner-Desma
- KraussMaffay
- Lauffer Pressen
- Wittmann-Battenfeld

### Benefits

- Economical
- High natural viscosity index throughout the entire period of use
- 100% stable to shear stress
- Extended service life
- First-rate, natural, permanent wear protection
- Environmentally-friendly
- Readily biodegradable
- CO<sub>2</sub>-neutral base oil
- Sustainable environmental protection

### Recommendation

HIGHTEC SUNLUB® ULTRAINDUSTRY 46 can be used for any application where oils of the following grades are already in use:  
HLP 32, HLP 46, HLP 68, HVLP 46, HEES 46

### Notices

Certified for use in the food industry  
Designed for industrial indoor use from 0°C. Rinse the hydraulic system in advance and clean the tank before changing to HIGHTEC SUNLUB® ULTRAINDUSTRY 46. Store the product in a dry and frost-free environment.



## HIGHTEC SUNLUB® ULTRAINDUSTRY 46

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.9215
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	46,0
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	9,6
Viscosity index	ASTM D-7042	-	> 190
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 200
Biodegradability	OECD 301 B	%	>60

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-oil.com](http://www.rowe-oil.com)).

