

## HIGHTEC SUNLUB<sup>®</sup> 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<sup>®</sup> (Hightech with a clear conscience)

### Description

HIGHTEC SUNLUB<sup>®</sup> 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<sup>®</sup> ULTRAINDUSTRY 46 permits extended oil change intervals and has first-rate and permanent multigrade characteristics.



### Application

HIGHTEC SUNLUB<sup>®</sup> 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<sup>®</sup> ULTRAINDUSTRY 46 is particularly suitable for use in the production of food and food packaging due to its certification as a H1 lubricant.

### Approvals

- Alpa-Soplar
- Engel

### Equivalent quality in accordance with EU-law as per

- ISO 15380 HETG

### This product is also recommended when the following filling instructions are required

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

### Advantages

- 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<sup>®</sup> 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

### Notes

- 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<sup>®</sup> ULTRAINDUSTRY 46. 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	0.9215
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	9,6
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	46,0
Viscosity index	ASTM D2270	-	> 190
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 200
Biodegradability	OECD 301 B	%	>60

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)).

