



TECTROL FOOD HYDRAULIKÖL HLP 46

Physiologically harmless hydraulic oil



TECTROL FOOD HYDRAULIKÖL HLP 46 is based on medical white oil and high-quality additives; it was especially developed for the food processing industry for use in hydraulic systems with possible food contact.

Due to its composition, TECTROL FOOD HYDRAULIKÖL HLP 46 provides excellent protection against corrosion and ageing.

TECTROL FOOD HYDRAULIKÖL HLP 46 exceeds the specifications of DIN HLP 51524-2.

TECTROL FOOD HYDRAULIKÖL HLP 46 can also be used as multi-purpose oil in transmissions, friction and roller bearings, mandrels, guides, cams and universal joints.

| Benefit | Use |
|------------------------------|---|
| Good wear protection | Good lubrication reliability protects parts and reduces maintenance costs |
| Good corrosion protection | Reduces rust formation and protects the material |
| Good elastomer compatibility | Seals last longer |

Product Information

Issuing body;
BayWa AG, München
Energie
Technical Purchasing Lubricants
Telephone: +49 89 288511-766

The energy segment of BayWa AG is certified

DIN EN ISO 9001: 2008
This certificate guarantees a consistently high quality standard throughout the supply chain from manufacturers and retailers all the way to consumers.

All data and information is provided based on our current level of knowledge as of: 09.07.14

Any previous versions are invalid. Subject to change without notice. For further details and information, please visit www.tectrol.de.



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| Performance profile (tried and tested in units with fluid specifications) | |
|---|--|
| Viscosity | |
| ISO VG 46 | |
| Approvals | |
| NSF H1 147627 | |
| Specifications | |
| DIN 51 524-2 HLP | |
| Instructions for use | |
| We recommend observing the aggregate manufacturer's instructions. | |

| Specifications (average values) | | |
|---------------------------------|------------------------|-----------------|
| Specific value | Typical value | Test method |
| kinematic viscosity at 40°C | 46 mm ² /s | DIN EN ISO 3104 |
| kinematic viscosity at 100°C | 6.8 mm ² /s | DIN EN ISO 3104 |
| viscosity index | 102 | DIN ISO 2909 |
| density at 15°C | 0.860 g/ml | DIN 51 757 |
| pourpoint | -11 °C | DIN ISO 3016 |
| flash point | 180 °C | DIN ISO 2592 |

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