Product Information

JB GERMAN OIL Hydrauliköl HLP-D 46

J2249



Description

JB GERMAN OIL Hydrauliköl HLP-D 46 is a detergent hydraulic oil and thus has a thorough network and cleaning effect. It is designed based on selected oils with additives to avoid corrosion, wear and friction. JB GERMAN OIL Hydrauliköl HLP-D 46 additionally contains dispersing and detergent ingredients, which always ensure clean hydraulics. These additives loosen impurities and keep them suspended, enabling the dirt to be cleaned from the dirty hydraulic systems. The functional elements of a hydraulic system are therefore kept clean from sediment and adhesion. Seeping water is emulsified and ensures the operation of the hydraulic system remains trouble-free.

Instructions for use

JB GERMAN OIL Hydrauliköl HLP-D 46 is used in hydraulic systems, in agriculture, construction equipment, cement factories, foundries, electric multi-plate clutches, as a test oil, as a run-in oil for aggregates and equipment, in textile machinery and in machine tools. JB GERMAN OIL Hydrauliköl HLP-D 46 exceeds the requirements for hydraulic oils HLP according to DIN 51 524 Part 2 for hydraulics. *Meets DIN and ISO specification, except for demulsibility which is not applicable for high detergency hydraulic oil.

| Quality classification | | | |
|--|--|--|--|
| Specification | | | |
| • DIN 51524-2 (HLP)* | | | |
| Recommendation | | | |
| Daimler Chrysler DBL 6721 | | | |
| Properties | | | |
| High resistance to aging | • Extensive protection against wear, corrosion and foaming | | |
| Good viscosity-temperature characteristics | Neutrality towards sealants | | |
| Very stable and excellent viscosity and temperature behavior | Exceptionally good detergent and dispersant properties | | |

- · Excellent corrosion protection even when absorbing moisture
- Exceptionally good detergent and dispersant properties
- Contains no ash and no zinc

| Technical specifications | | | | |
|------------------------------|--------|-------|--------------------------|--|
| Properties | Data | Unit | Testing under | |
| Kinematic Viscosity at 40°C | 46,0 | mm²/s | DIN 51659-2:2017-02 | |
| Kinematic Viscosity at 100°C | 7,2 | mm²/s | DIN 51659-2:2017-02 | |
| Viscosity Index | 115 | | DIN ISO 2909:2004-08 | |
| Appearance | YELLOW | | VISUELL | |
| Density at 15°C | 861 | kg/m³ | DIN EN ISO 12185:1997-11 | |
| Pour Point | -30 | °C | ASTM D 7346:2015 | |

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments. Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.