



Optileb HY 22

Food grade hydraulic oil

Description

Optileb HY™ 22 is a food grade hydraulic oil with NSF-H1 approval, especially developed to meet the special requirements of the food and beverage industries. Optileb HY 22 hydraulic oil complies with and even exceed DIN 51524 part 2 for HLP hydraulic oils.

Application

For the special applications in the food and beverage industries where there may be exposure of the lubricated part to the edible product or its packaging

For hydraulic systems in production, filling and packaging machines

Advantages

- NSF H1 approved
- Tasteless and odourless
- Low foam formation
- Good viscosity/temperature behaviour
- Good water separation ability
- Miscible with mineral oil
- Disposal like mineral oil

Typical Characteristics

Name	Method	Units	Hy 22
Appearance	Visual	-	Transparent / Clear
Density @ 15°C / 59°F	ISO 12185/ASTM D4052/DIN 51757	kg/m ³	860
Kinematic Viscosity @ 40°C / 104°F	ISO 3104/ASTM D445	mm ² /s	22
Kinematic Viscosity @ 100°C / 212°F	ISO 3104/ASTM D445	mm ² /s	4.4
Viscosity Index	ISO 2909/ASTM 2270/ DIN ISO 2909	-	110
Pour Point	ISO 3016/ASTM D97 /DIN ISO 3016	°C/°F	<-12/<10
Flash Point - open cup method	ISO 2592/ASTM D92 /DIN ISO 2592	°C/°F	>150/>302
Rust test - synthetic seawater (24 hrs)	ISO 7210/ ASTM D665B	-	Pass
FZG Gear Scuffing test A/8.3/90	ISO 14635-1	Failure load stage	12

Subject to usual manufacturing tolerances.

Optileb HY 22

13 Jul 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspds.castrol.com>