

# Product Information

## COFRAN CHALLENGER 4T 20W-50

### 4-Stroke Engine Oil for Motorcycles.

#### Description

COFRAN CHALLENGER 4T 20W-50 was designed based on selected high-quality base oils and an especially developed additive technology. The product uses a specific formula to ensure perfect stability at high temperatures. The selection of components in COFRAN CHALLENGER 4T 20W-50 gives it strong anti-wear power while maintaining perfect engine cleanliness. Formulated with virgin base oils.

#### Application

COFRAN CHALLENGER 4T 20W-50 is a mineral oil compatible with motorcycle engines requiring an oil meeting the API SL standard. The product is perfectly convenient for a use in hot countries. COFRAN CHALLENGER 4T 20W-50 is miscible and compatible with conventional, branded engine oils. However, mixing with other engine oils should be avoided in order to fully exhaust this product's benefits. A complete oil drain is recommended when converting to COFRAN CHALLENGER 4T 20W-50. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

#### Advantages

- Excellent protection against the wear of the engine components, thus extending the life of the engine
- Reduces the formation of deposits and sludge in the engine, which maintains the engine clean and efficient.
- Better stability at high temperature, which is crucial for engines operating under severe conditions
- Retrocompatibility of API SL, can be used in older engines.

#### Specifications

- API SL/CF



# Product Information

## TYPICAL CHARACTERISTICS

SAE Grade	SAE J300	20W-50
Density at 20°C	NFT 60101	869 kg/m <sup>3</sup>
Kinematic viscosity at 40°C	ASTM D 445	159.5 mm <sup>2</sup> /s
Kinematic viscosity at 100°C	ASTM D 445	18.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D 2270	120
Flash Point	NFT 60118	252 °C
Pour point	ASTM D 7346	-27 °C



## Product Information

In all cases, to limit the risk of water contamination (including condensation), store drums and barrels horizontally. Do not expose packaging to strong sunlight or extreme temperatures. The information contained in this data sheet is based on FLF's experience and know-how in the development and manufacture of lubricants and other chemical products to the best of our knowledge. All chemical products must be used in the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). The performance of our products can be influenced by a range of factors, including conditions of use, application methods, operating environment, pre-treatment of components, possible external contamination, etc. For these reasons, a universal recommendation of our products is impossible. The information given in the data sheet represents general, non-binding guidelines and is provided for guidance only. No warranty, express or implied, is given concerning the properties of the product or its suitability for a given application. We therefore recommend consulting an application engineer to discuss application conditions and product performance criteria prior to use. It is the user's responsibility to test the functional suitability of the product and to use it under the appropriate safety conditions. Our products are subject to continuous improvement, with the aim of enhancing performance or bringing them into line with any new regulations. We reserve the right to modify our product ranges, our products and their manufacturing processes, as well as all the provisions of our publications, at any time and without prior notice. This data sheet cancels and replaces all previous editions. We expressly draw the attention of all users to the fact that our product has not been designed and tested for use in the nuclear and aeronautical fields ("embedded" product). Any use of our product in the aforementioned sectors is the sole responsibility of the user. Reproduction in any form requires the prior written consent of FLF, all rights reserved.