

Product Information

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SILKOLENE CASTORENE R50S

Caster-based, synthetically enhanced racing oils.

Description

SILKOLENE CASTORENE R50S is a racing oil based on castor oil; it incorporates synthetic components and additives, which enhance the castor oil's natural high film strength and resistance to seizure. The enhancement of SILKOLENE CASTORENE R50S represents a significant advance in performance for lubricants containing vegetable oil. SILKOLENE CASTORENE R50S also minimises the risk of thickening and varnish formation.

Application

SILKOLENE CASTORENE R50S is recommended for use in both air- and liquid-cooled racing engines, especially speedway engines running on methanol or methanol-containing fuels. NOTE: These are no cleansing oil grades; more frequent oil drains are required than with additive-treated mineral oils. SILKOLENE CASTORENE R50S must not be mixed with mineral oils. Additives provide the lubricant with viscometric and oxidation resistance; they reduce oil thickening and varnish formation in the engine. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- An excellent oil film strength reduces wear and the likelihood of a seizure.
- Proven performance in racing, especially speedway.
- Longer drain intervals possible compared with conventional castor-based products.

Specifications

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Approvals

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FUCHS Recommendations

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TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.953 g/ml
Kinematic Viscosity at 40°C	DIN 51562-1	193.4 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	17.8 mm ² /s
Viscosity Index	DIN ISO 2909	100
Product Dyeing		None

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Notes

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS (UK) plc in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS (UK) plc application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid. Any form of reproduction requires express prior written permission from FUCHS LUBRICANTS (UK) plc.

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