

# Product Information

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## TITAN CHF 202

**Premium Performance power-steering and central-hydraulic fluid with a wide application and approval profile for various manufacturers.**

### Description

TITAN CHF 202 is a semi-synthetic High Performance central hydraulic fluid for use in the vehicles/products of numerous automotive and component manufacturers. The modern additive technology combined with specifically selected base oils offers an optimum performance in hydraulic systems. The optimised viscosity-temperature behaviour of TITAN CHF 202 offers an optimum operation across a wide range of system temperatures. TITAN CHF 202 is compatible with most elastomers and electronic components. TITAN CHF 202 prevents pump wear, which ensures the reliable operation of these components throughout their life cycle. TITAN CHF 202's approval and performance profile sets the industry standard among steering and central hydraulic fluids.

### Application

TITAN CHF 202 was developed specifically for automotive hydraulics with the highest technical requirements. This includes power steering (designated as original fluid for use in VW, Ford and other makes), clutch hydraulics, electric/hydraulic convertible roof controls, chassis control systems, etc. TITAN CHF 202 is used as initial filling oil by many manufacturers. TITAN CHF 202 is also used in modern double-clutch transmissions, where it supports the mechatronic and actuator systems that control the clutches and the shifting of the gearbox. TITAN CHF 202 is miscible with CHF 11S; however, due to its additives, it cannot be mixed with old formulations, such as CHF 7.1 or other hydraulics fluids. Note: This product was previously marketed as PENTOSIN CHF 202.

For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Excellent viscosity-temperature behaviour.
- Very good protection against corrosion and wear.
- Very high thermal and oxidative stability.
- Excellent ageing stability.
- Outstanding anti-foam performance and quick air release.
- Outstanding compatibility with non-ferrous metals and electric components of hydraulic control circuits.
- Exclusive performance profile with approvals by major manufacturers.

### Specifications

- FORD WSS-M2C204-A2

### Approvals

- HYUNDAI 00232-19017
- OPEL B 040 2012
- VW TL 52 146.01 (G 004 000)

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## FUCHS Recommendations

- AUDI/VW G 004 012
- PORSCHE 000 043 206 56
- PORSCHE 000 043 305 74
- SAAB 93160548
- VOLVO 30741424
- LAND ROVER LR003401

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## TYPICAL CHARACTERISTICS

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Density at 15°C	DIN EN ISO 12185	840 kg/m <sup>3</sup>
Kinematic Viscosity at 40°C	DIN EN ISO 3104	19.3 mm <sup>2</sup> /s
Kinematic Viscosity at 100°C	DIN EN ISO 3104	6.1 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	302
Pour Point	ISO 3016	-54 °C
Product Dyeing	DIN 10964	green

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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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