



## Pentosin CHF 11S

**All-Purpose High Performance-Hydraulic Fluid for Application both in Automotive Comfort– and Safety Devices**

### Description

**Pentosin CHF 11S** is a synthetic high performance hydraulic fluid for life-time application in modern vehicle aggregates. It is suitable for all extreme conditions and guarantees full performance from -40 °C to over 130 °C system temperature.

**Pentosin CHF 11S** is especially designed for hydraulics in the automotive industry with highest technical requirements. Due to its excellent features it is used in following devices (extract): power steering, level control, shock absorber, hydro-pneumatic suspension, stability- and traction control, hydraulics for convertible tops, central lock systems.

**Pentosin CHF 11S** is miscible with **CHF 202**, but due to the additives employed **not miscible** with older formulations like **CHF 7.1** or other hydraulic oils.

### Quality Level

DIN 51 524T3 and ISO 7308

### References/Approvals

Worldwide applied/approved by leading car manufacturers, e.g.:

Bentley  
BMW  
Fendt  
Ford  
Daimler  
GM/Opel  
MAN ->M 3289  
Porsche  
Saab  
Volvo  
ZF

### Product Classification

The product is not classified as dangerous.

Pentosin CHF 11S		Typical Data	
	Unit	Result	Method
Appearance		green	DIN 10964
Density at 15 °C	kg/m <sup>3</sup>	830	DIN EN ISO 12185
Kinematic Viscosity at 100 °C	mm <sup>2</sup> /s	6,0	DIN EN ISO 3104
Kinematic Viscosity at 40 °C	mm <sup>2</sup> /s	18,7	DIN EN ISO 3104
Kinematic Viscosity at -40 °C	mm <sup>2</sup> /s	1100	DIN EN ISO 3104
Viscosity Index		313	DIN ISO 2909
Flash Point	°C	156	DIN EN ISO 2592
Pour Point	°C	-57	ISO 3016
FZG wear test (A/8.3/90)	Failure Load Stage	11	DIN ISO 14635-1

While handling lubricants the relevant safety rules have to be taken into account. For more detailed information please see the current safety data sheet for this product.

This product may not be available at all locations. For more information, please call us at +49 4103-9134-0 or visit us at [www.pentosin.com](http://www.pentosin.com)  
Due to continual product research and development, the information contained herein is subject to change without notification. Typical data may vary slightly.