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# Gulf CHF Synth

*Fully Synthetic Central Hydraulic Fluid*

## Product Description:

**Gulf CHF Synth** is a fully synthetic central hydraulic fluid developed for highly stressed centralized hydraulic systems, power steering systems and shock absorbers which can reach oil temperatures up to approximately 140°C. **Gulf CHF Synth** shows improved performance regarding viscosity temperature characteristics and simultaneously optimized shear stability. Additionally **Gulf CHF Synth** offers improved properties regarding thermal stability due to the use of high quality synthetic base oils.

**Gulf CHF Synth** shows optimized temperature stability, high oxidation stability and has excellent cold temperature properties and high shear stability. **Gulf CHF Synth** has proven OEM-technology and improvement of efficiency is possible.

**Gulf CHF Synth** meets or exceeds the demands of many Original Equipment Manufacturers (OEMs) and is also being used in first-fill-applications.

## Meets the specifications of:

BMW 81 22 9 407 758/BMW 82 11 1 468 041/BMW 83 29 0 429 576, Ford M2C204-A, MAN M 3289  
Opel 1940 715/Opel 1940 766, PSA S71 2710, VW TL 521 46 (G 002 000/A7/A8/G 004 000)

<u>Properties:</u>	<u>Test Methods:</u>	<u>Typical Values:</u>
Density @ 15°C	ASTM D4052	831 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D445	18.5 mm <sup>2</sup> /s (cSt)
Kinematic Viscosity @ 100°C	ASTM D445	6.3 mm <sup>2</sup> /s (cSt)
Kinematic Viscosity @ -40°C	ASTM D5293	1150 mPa.s (cP)
Viscosity Index	ASTM D2270	334
Flash Point (COC)	ASTM D92	160°C
Pour Point	ASTM D97	-60°C
Foam Characteristic Sequence I @ 24°C	ASTM D892	30/0
Foam Characteristic Sequence II @ 93.5°C	ASTM D892	50/0
Colour	Visual	Green

Product Code: 2545

Date Issued: 22/06/2012

Date Superseded: 02/11/2011

Revision nr: 02