



CENTRAL HYDRAULIC FLUID

Description

BENZOL® CENTRAL HYDRAULIC FLUID (CHF) is a multifunctional power steering and central hydraulic fluid, formulated with high quality synthetic oil and ashless antiwear additives to offer excellent hydraulic performance in a power steering, shock absorbers, suspension levelling and level control systems. **BENZOL®** CHF Fluid provide superior antiwear protection, excellent oxidation and thermal stability, outstanding hydraulic stability and protects centralized hydraulic circuits. It can also be used in brake systems of various modern cars.



Applications

BENZOL® CHF is recommended as a fluid media in all centralized hydraulic circuits, operating under extremely severe conditions of temperature between -40°C to over 130°C. These oils are recommended for sophisticated high-performance hydro-pneumatic suspension and steering wheel systems of modern vehicles.

Specifications and Approvals

MAN M3289, MB Approval 345.0, Hyundai/Kia PSF-3/PSF-4, Bentley RH 5000, Ford WSS-M2C204-A, ZF TE-ML 02K (ZF004744), Audi/VW TL 52 146.00 (G002000/G004000), PSA S71 2710, DTFR 31B120, Chrysler MS-11655B, BMW 8122 9407 758.

Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	Green
Density @ 15 °C, kg/L	D-1298	0.825
Viscosity @ 100 °C, cSt	D-445	6.2
Viscosity @ 40 °C, cSt	D-445	19.0
Viscosity index	D-2270	320
Brookfield Viscosity @-40°C, cP	D-2983	980
Flash Point, °C (COC)	D-92	166
Pour Point, °C	D-97	-57
Foam SEQ.I/II/III	D-892	0/0/0

Performance Benefits

- Reduction in inventory is possible as these can be used for various applications.
- Reduction in noise produced from hydraulic pumps.
- Maintains effective leakage control.
- Excellent thermal and oxidation stability.
- Excellent low temperature properties.
- Efficient foam suppression aids consistent system responsiveness, sensitivity and protection.
- The wear of moving parts is reduced.
- Provide sludge free high temperature performance.

Product/Part Number

HV17000333	4 x 5	HV17000323	4 x 4
HV17000173	12 x 1	HV17000173	24 X 1
HV17000513	1 x 20	HV17000533	1 x 25
HV17000563	1 x 200	HV17000573	1 x 208
HV17000603	1x1000		

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other **BENZOL** products, please visit www.benzollubricants.de

