TITAN CHF 11S

Premium Performance power steering and central Hydraulic Oil with a wide application and approval profile for various manufacturers.

Description

TITAN CHF 11S is a synthetic high performance central hydraulics oil for use in the vehicles/products of numerous automakers and component manufacturers. The exclusive additives technology in combination with the specifically selected base oils offers optimum performance results in hydraulic systems. TITAN CHF 11S' unique viscosity temperature behavior and the outstanding performance in the cold temperature range guarantee optimum operation at all system temperatures. TITAN CHF 11S is also highly compatible with elastomers and electronic components in hydraulic control systems. Moreover, TITAN CHF 11S prevents pump wear and tear, thus ensuring reliable operation across the entire lifecycle of the component. These extraordinary performance capabilities are among the reasons why TITAN CHF 11S has such an impressive and unique performance and approvals profile in the steering and central hydraulics segment.

Application

TITAN CHF 11S was developed specifically for use in automotive hydraulics systems that have to meet the highest technical standards and is used in a wide range of components: Power steering (used as the original fluid in VW, BMW, MB and other makes), level control, shock absorbers, hydro-pneumatic springs, stability and traction systems, electrical/hydraulic convertible roof controls, central locking systems, etc. TITAN CHF 11S is used as the initial filling fluid by many manufacturers. TITAN CHF 11S is suitable for blending with CHF 202; however, due to its additives, it cannot be blended with older formulas, such as CHF 7.1 or other hydraulics oils.

Note: This product has been previously marketed under PENTOSIN CHF 11S.

Advantages/Benefits

- Adjusted viscosity-temperature patterns
- Excellent performance at low temperatures → ensures optimum delivery of oil to the system in cold temperatures
- Outstanding oxidation and aging stability
- Best possible prevention of corrosion as well as wear and tear
- Optimized air separation capability and foaming patterns → guarantees the dependable operation of the hydraulics system even under the most taxing operating conditions
- **One-of-a-kind and exclusive performance and approvals profile**

Specifications

- FORD WSS-M2C204-A

Approvals

- CHRYSLER MS-11655B
- EvoBus 39.060-001
- MAN M 3289
- MB-APPROVAL 345.0
- PSA S71 2710
- ZF TE-ML 02K (ZF004744)
- VW TL 52 146 (G 002 000)

FUCHS Recommendations

- BENTLEY JNV862564F
- BMW 81 22 9 407 758
- BMW 82 11 1 468 041
- BMW 83 29 0 429 576
- FENDT X 902 011 622
- IVECO 18-1807 CLASSE APU
- OPEL B 040 0070
- PORSCHE 000 043 203 33
- SAAB 3032 380
- VOLVO 1161529

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN EN ISO 12185	830	kg/m³
Kinematic viscosity at 40 °C	DIN EN ISO 3104	18.7	mm²/s
Kinematic viscosity at 100 °C	DIN EN ISO 3104	6.0	mm²/s
Viscosity index	DIN ISO 2909	313	
Pour point	ISO 3016	-57	°C
Product Dyeing	DIN 10964	green	

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