

Engen ATF III

Semi-Synthetic, Multipurpose Automatic Transmission Fluid

Description

Engen ATF III is a semi-synthetic, high performance, multipurpose automatic transmission fluid (ATF) which exceeds General Motors Dexron III-G and Ford MERCON long drain performance requirements. It provides outstanding performance in automatic transmissions and power steering units where General Motors Dexron III-G and the older Dexron III-F, II-E or II-D fluids are specified. Special base stocks in combination with a modern additive technology provides its constant friction characteristics, wide operating temperature range, high shear stability, excellent anti-wear properties ensuring long transmission life and consistent smooth shifting over its whole service period. Engen ATF III meets the requirements of Mercedes Benz specification MB 236.1 and is also suitable for used in applications calling for Allison TES 389 performance levels.

Application

Engen ATF III's prime application is car, light truck, on and off highway heavy duty automatic transmissions and power steering systems requiring a Dexron III-G, MERCON, Allison C-4 or MB 236.1 type transmission fluid. It is suitable for electronically controlled converter clutches and for use in some manual transmissions units, especially where low temperature shiftability is a problem. Engen ATF III is also widely used in industrial hydraulic applications, fluid couplings, mobile hydraulic systems as well as certain rotary vane and screw compressors. It is highly recommended for cold store hydraulic applications such as fork lifts and other material handling equipment by virtue of its excellent extremely low temperature performance characteristics. Due to its wide operating temperature range it is used in marine hydraulic servo applications which are exposed to very high and low temperatures.

Performance Level

DEXRON III-G (license no. G 34224), MERCON (license no. M-030534), Allison C-4, ZF TE-ML 02F, 03D, 14A, 17C, Voith 55.6335 (formerly G.607), MAN 339 Type F, Mercedes 236.1 (performance level)

Benefits

- Good wear protection maximizes transmission life.
- Exceeds warranty requirements.
- Compatibility with seal materials.
- Increased oil life and protection against deposit formation.
- Excellent frictional characteristics giving smooth transmission operation.
- Minimizes inventory.

Typical Physical Characteristics

Engen ATF III	
Viscosity mPa.s @ -40 °C max.	16600
Viscosity cSt @ 40 °C	33,6
Viscosity cSt @ 100 °C	7,8
Viscosity Index	199
Pour Point °C, max.	-57
Colour, Visual	Red

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.