

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.

Benefits & Features

- 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.

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 transmission 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

Builder Approvals & Specifications:

- DEXRON III-G (license no. G 34224)

Meets or Exceeds Approvals & Specifications:

- 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
- MB 236.1



Typical Physical Characteristics

ENGEN ATF III			
PARAMETERS	METHODS	UNITS	TYPICAL VALUES
Viscosity mPa.s @ -40°C	-	mPa.s	40000
Viscosity @ 40°C	ASTM D445	cSt	38,6
Viscosity @ 100°C	ASTM D445	cSt	7,8
Viscosity Index	ASTM D2270	-	194
Pour Point	ASTM D5950	°C	-36
Colour, Visual	-	-	Red

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil, or water. For further detail regarding storage, safe handling, and disposal of product, please refers to Product SDS. Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortuous action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representatives in the event you require any further information.

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