



Mobil ATF™ 220

Mobil Passenger Vehicle Lube , Niger

Automatic Transmission Fluid

Product Description

Mobil ATF 220 is a high performance, fluid for automatic transmissions in older vehicles specifying Dexron IID. It is also used as a hydraulic fluid in unique application

Features and Benefits

Mobil ATF 220 is formulated from high-quality conventional base oils combined with a special additive system including viscosity index improvers, antioxidant defoamers providing smooth and controlled friction/wear characteristics. The product provides consumers an excellent driving experience even in broad range driving conditions in a wide variety of pre-1994 automobiles. Key features and benefits include:

| Features                                                                 | Advantages and Potential Benefits                                                                                    |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Good thermal and oxidation stability                                     | Resists lacquer, sludge and deposit formation to keep transmissions clean for efficient operation over the full life |
| Good anti-wear properties                                                | Meets the wear requirement to promote longer transmission life                                                       |
| Excellent low-temperature fluidity                                       | Assist in improved start-up and clean fast lubrication at low ambient temperatures                                   |
| Effective foam control properties                                        | Smooth and lasting shift feel and reduced fluid loss in severe service operating conditions                          |
| Compatible with all common seal materials used in Type IID transmissions | Maintains effective leakage control                                                                                  |

Applications

Mobil ATF 220 is recommended for some automatic and manual transmissions in passenger cars and light trucks specifying Dexron IID level performance as well as related power steering systems. It is also suitable for use in some special hydraulic systems in farm equipment and other installations having similar fluid requirements. Other applications include:

- Off-highway transmissions power steering and other hydraulic systems requiring a Dexron IID or Allison C-4 fluid.
- Industrial hydraulic systems and components.

Specifications and Approvals

| This product has the following approvals: |
|-------------------------------------------|
| MAN 339 Typ V1                            |
| MAN 339 Typ Z1                            |
| MB-Approval 236.7                         |
| VOITH TURBO H55.6335.xx                   |
| ZF TE-ML 04D                              |
| ZF TE-ML 11A                              |
| ZF TE-ML 14A                              |

**This product is recommended for use in applications requiring:**

Allison C-4

CATERPILLAR TO-2

Ford ESR-M2C163-A2

GM DEXRON II

GM Type A Suffix A

Renk Doromat

VOLVO 97340

**Properties and Specifications**

| Property                                                   |       |
|------------------------------------------------------------|-------|
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983            | 33000 |
| Color, Visual                                              | Red   |
| Density @ 15 C, g/ml, ASTM D4052                           | 0.870 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 200   |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 7.0   |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 37.0  |
| Pour Point, °C, ASTM D97                                   | -44   |
| Viscosity Index, ASTM D2270                                | 153   |

**Health and safety**

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>

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04-2024

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