Product Data Sheet

Mobil ATF 210
Automatic Transmission Fluid

Product Description and Application

Mobil ATF 210 is a high quality automatic transmission fluid made from solvent refined mineral oil, viscosity index improvers, anti-oxidants, anti-wear agents, detergents, defoamants and special friction modifiers.

Mobil ATF 210 is formulated to function as a power transmission fluid in torque converters, a hydraulic fluid in control and servo systems, a lubricant for bearings and gears, a friction controlling medium for the bands and clutches and a heat transfer medium to carry heat generated in transmissions to the gear case or oil cooler. Due to its high Viscosity Index Mobil ATF 210 undergoes relatively small changes in fluidity regardless of operating or ambient temperatures. This ensures excellent performance as a hydraulic medium giving good operation under high temperature conditions and minimum power losses under cold conditions. The low pour point ensures prompt circulation at low starting temperatures to provide proper lubrication of the transmission working parts. The oxidation resistant and detergent properties reduce the possibility of deposit formation and lacquering on component parts which can interfere with correct operation of the transmission unit and its control system.

Mobil ATF 210 has very good foam resistance and anti-wear properties for planetary gears and thrust washers. Smooth transmission operation depends upon perfect synchronisation of engagement and release as the load is transferred from one unit to another. The correct transition from complete lubrication, as the bands of clutches are disengaged, to a frictional contact sufficient to hold or transmit power, demands the use of a very light fluid having extremely high lubricating properties. Mobil ATF 210 contains special additive material which ensures maximisation of this characteristic.

Mobil ATF 210 is recommended for passenger car and light commercial vehicle automatic transmissions as well as power steering systems and other hydraulic applications. It is also suitable for hydraulic systems in farm equipment.

Benefits

Mobil ATF 210 offers the following benefits:

- Correct frictional characteristics give smooth transmission and perfect synchronisation, over a longer period under continual severe operating conditions
- Protection against deposit formation and evaporation losses at high operating temperatures with very good low temperature operation
- Good protection against wear, resistance to rust, corrosion and foam
- Compatible with seal materials used in transmission units
- Lower maintenance costs, and improved operating profits

Specifications

Mobil ATF 210 meets or is approved against the following specifications:

Ford M2C-33G (Qualification No. 3 PE-791201)
Ford M2C-33 F now obsolete

It is also suitable for Borg Warner and certain other Ford automatic transmissions.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.
Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

	Mobil ATF 210
Relative Density 15/4 ºC	0.865
Viscosity, cSt at 40ºC	39
Viscosity, cSt at 100ºC	8.5
Viscosity Index	196
Viscosity cP at. -40ºC	25,000
Pour Point, ºC max.	-42
Flash Point, ºC min. COC	178
Colour	Red

Due to continual product research and development, the information contained herein is subject to change without notice.

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