Petroleum products

Automatic transmission fluid III

Hydraulic control and lubrication in automatic transmissions

ATF III



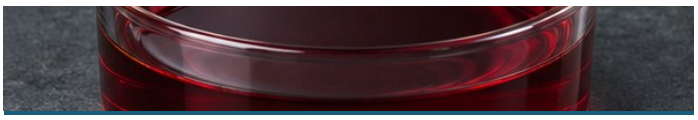
Material illustration

Technical characteristics

Automatic transmission fluid for units specifying performance level III. It transfers torque in the converter, supports hydraulic shifting and lubricates moving parts.

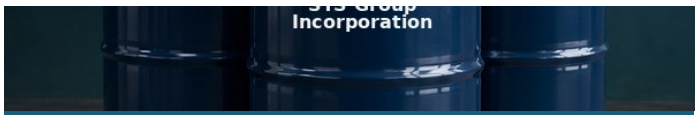
Property	Reference value	Method or source
Designation	**ATF III**	STS Chemical
Low-temperature viscosity	**ASTM D2983**	ASTM D2983
Kinematic viscosity	**ASTM D445**	ASTM D445

Compare kinematic viscosity at 40 and 100 °C, low-temperature viscosity, oxidation stability and friction characteristics. Suitability depends on the transmission documentation and the proposed fluid's technical data.



Applications

For earlier-generation stepped automatics whose service documentation specifies this performance level. A vehicle model may use several transmissions, so selection depends on the unit code.



Packaging and receipt

Packs suit individual service jobs and drums suit workshops with pump dispensing. IBCs or bulk delivery can be agreed for central stores. Each container is identified by fluid and lot.

For acceptance, check the agreed specification and the certificate of analysis (COA) for the delivered lot.