



Shell ATF L12108



Synthetic Automatic Transmission Fluid

ATF L12108 is a synthetic automatic transmission fluid specially developed for use in certain ZF 6-speed all-wheel-drive transmissions and the new generation of ZF 8-speed automatic transmissions. Based on hydrocracked synthetic base fluids, ATF L12108 is the ultimate performance automatic transmission fluid developed for fill-for-life lubrication under most severe operating conditions.

Applications

- *Shell ATF L12108 is the exclusively approved fluid for various ZF 6-speed all-wheel-drive transmissions as well as the new generation of ZF 8-speed automatic transmissions.*

Specification and Approvals

ZF TE-ML11 for exclusive use in:
6HP19A, 6HP28AF
6HP19X for Audi Q7
8HP45, 8HP55, 8HP70, 8HP90, 8HP90A

Performance Features and Benefits

- Excellent thermal and oxidative stability
- Very good low temperature fluidity
- Excellent shear stability
- Smooth gear shifting
- Very good friction retention
- Very good wear protection
- High fuel saving potential
- Produced under highest standards of quality control applied to an automatic transmission fluid world-wide.

Advice

Further advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

Protect the environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water

Typical Physical Characteristics

ATF L12108		
Property	Method	Typical Value
Density at 15°C (kg/m ³)	ISO 12185	846
Kinematic Viscosity at 40°C mm ² /s at 100°C mm ² /s	ASTM D 445	26 5.6
Viscosity Index	ASTM D 2292	175
Flash Point (°C)	ASTM D 92	206
Pour Point (°C)	ASTM D 97	-42
Brookfield Vis at -40°C mPas	ASTM D 2983	9,300

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.