



# Shell Spirax S5 ATF X

*Premium, Synthetic Technology Multi-Vehicle Automatic Transmission Fluid*

Premium performance, synthetic technology fluid designed to meet the needs of multiple vehicle types for service fill in automatic transmission service. Shell Spirax S5 ATF X meets the needs of many Asian and North American designed automatic transmissions.

## Performance, Features & Benefits

- **Friction modified**  
Provides consistent, reliable, smooth and trouble free operation of automotive transmission systems.
- **Exceptionally high oxidation resistance**  
Resistant to oil degradation and keeps automatic transmissions clean.
- **Excellent shear-stability**  
A special 'VI' improver minimises the changes in viscosity with operating temperature.
- **Dependable anti-wear and gear protection**  
Long component life.
- **Low temperature performance**  
Excellent oil fluidity at low temperatures.
- **Synthetic base fluids**  
Excellent fluid life in the most demanding applications.

## Main Applications



- Passenger car automatic transmissions
- Heavy duty automatic transmissions
- Power steering units
- Hydraulic systems requiring this grade of fluid

## Specifications, Approvals & Recommendations

Suitable for use in applications which require

- Allison C-4
- Aisin JWS 3309 (all applications)
- JASO 1-A, 2A-02
- Ford Mercon® V, Mercon®
- General Motors Dexron®, Dexron® II, Dexron® III
- Toyota T III, T IV

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

## Typical Physical Characteristics

Properties		Method	Shell Spirax S5 ATF X
Flash Point (COC)	°C	ASTM D92	190
Viscosity	@-40°C mPa s	ASTM D2983	12000
Viscosity	@40°C mm <sup>2</sup> /s	ASTM D445	35
Viscosity	@100°C mm <sup>2</sup> /s	ASTM D445	7.2
Density	@15°C kg/m <sup>3</sup>	ASTM D1298	850

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

## Health, Safety & Environment

### ■ Health and Safety

Shell Spirax S5 ATF X is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

### ■ Protect the Environment

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

## Additional Information

### ■ Colour

Shell Spirax S5 ATF X is dyed red for identification purposes.

### ■ Advice

Advice on applications not covered here may be obtained from your Shell representative.