



Previous Name: Shell Donax TX

# Shell Spirax S4 ATF HDX

*Advanced Synthetic Technology Heavy Duty Automatic Transmission Fluid*

Shell Spirax S4 ATF HDX is a superior quality automatic transmission fluid suitable for a wide range of heavy duty automotive transport and passenger car transmissions.

Based on synthetic technology base fluid, Spirax S4 ATF HDX is the ultimate performance automatic transmission fluid allowing extended drain intervals even under the most severe conditions.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- Synthetic base oil technology
- Excellent shift feeling
- Extremely low temperature fluidity
- Shear stability
- Wear protection
- Maximum oil drain interval potential
- High temperature oxidation stability

### Main Applications



- Automotive automatic transmissions
- Automotive hydraulic systems
- Power steering
- Certain manual transmissions

### Specifications, Approvals & Recommendations

- ZF TE-ML 03D, 04D, 14B, 16L, 17C
- MAN : 339 Typ Z2, 339 Typ V2
- Mercedes-Benz 236.9
- Voith 55.6336.XX (standard drain intervals up to 120.000 km)
- Volvo 97341:39

#### Meets requirements of

- Ford Mercon®
- General Motors Dexron® IIIG
- Allison C4

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

### Typical Physical Characteristics

Properties			Method	Shell Spirax S4 ATF HDX
Kinematic Viscosity	@40°C	cSt	ISO 3104	37.0
Kinematic Viscosity	@100°C	cSt	ISO 3104	7.6
Viscosity Index			ISO 2909	180
Density	@15°C	kg/m <sup>3</sup>	ISO 12185	852
Flash Point		°C	ISO 2592	180
Pour Point		°C	ISO 3016	-51

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 S4 ATF HDX 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

- **Advice**

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