



Previous Name: Shell ATF III

# Shell Spirax S3 ATF MD3

*High Performance Automatic Transmission Fluid in Many Applications*

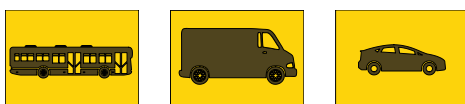
Shell Spirax S3 ATF MD3 is a premium quality automatic transmission fluid based on high viscosity index mineral oils and carefully selected additives. It is blended to meet the stringent requirements of leading automotive transmission manufacturers.

## DESIGNED TO MEET CHALLENGES

### 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.

### Main Applications



- Passenger car automatic transmissions
- Heavy duty automatic transmissions
- Power steering units
- Certain hydraulic applications calling for oils meeting ISO VG 32-46-68 viscosity requirements

### Specifications, Approvals & Recommendations

- Suitable for use in all vehicles where GM Dexron® III, Ford Mercon® or Allison C-4 fluids are required. Do not use where GM Dexron® VI or Ford Mercon® V/Mercon® SP/Mercon® LV fluids are specified.
- Dexron® is a trademark in many countries belonging to General Motors Company. Mercon® is a trademark in many countries belonging to Ford Motor Company.

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 S3 ATF MD3 |
|---------------------|--------|--------------------|-----------|-------------------------|
| Kinematic Viscosity | @40°C  | mm <sup>2</sup> /s | ISO 3104  | 33.8                    |
| Kinematic Viscosity | @100°C | mm <sup>2</sup> /s | ISO 3104  | 7.3                     |
| Viscosity Index     |        |                    | ISO 2909  | 175                     |
| Density             | @15°C  | kg/m <sup>3</sup>  | ISO 12185 | 864                     |
| Flash Point (COC)   |        | °C                 | ISO 2592  | 180                     |
| Pour Point          |        | °C                 | ISO 3016  | -48                     |

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 S3 ATF MD3 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 S3 ATF MD3 is dyed red for identification purposes.

- **Advice**

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