



# Shell Spirax S6 DCT E 75W-80

*Premium performance medium-duty commercial truck transmission oil*

Shell SPIRAX S6 DCT E 75W-80 is a specifically designed transmission oil for the Eaton® Procision® automatic transmission designed for medium duty commercial trucks. It meets the Eaton® PS-278 standard in a synthetic technology formulation designed for the dual-clutch transmission.

- Approved to Eaton® PS-278
- Outstanding oxidation stability

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **High performance in medium duty dual-clutch transmissions**  
Friction retention, friction durability and excellent shear stability to ensure excellent clutch response in the Eaton® Procision® automatic, dual-clutch transmission. Helps maintain smooth transmission operation by establishing and maintain the correct frictional properties needed by the wet clutch system. The correct friction response under the high pressures and thin lubrication film between clutch plates is critical to prevent slipping and also grabbing of the clutches. Either can limit transmission life and cause poor response.
- **Excellent thermal and oxidation stability**  
Resists thermal and oxidative breakdown under real world performance with synthetic technology base fluids and a precise formulation. Resistance to breakdown help provide long oil life. Prevention of deposits to help maintain heat transfer out of the oil.

- **Maintains operation under a wide temperature range**  
Maintains operation under a wide temperature range Synthetic technology base fluid with high viscosity indices provide proper protection and oil flow from -40°C to +150°C. Maintaining oil performance under harsh conditions and a wide temperature range is needed to meet whatever conditions the vehicle operates under. The high viscosity index provides a constant viscosity under these conditions as well as under harsh service.
- **Helps maintain transmission seals**  
Compatible with fluorocarbon and polyacrylate seals used in Eaton® Procision® transmissions to help maintain transmission against leakage.

### Main Applications



Shell SPIRAX S6 DCT E 75W-80 is recommended for use in all Eaton® Procision® automatic transmissions (wet dual-clutch transmission) and other transmissions that specify the use of Eaton PS-278 approved oil.

### Specifications, Approvals & Recommendations

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

### Typical Physical Characteristics

Properties		Method	Shell Spirax S6 DCT E 75W-80
Kinematic Viscosity	@100°C	cSt	9.02
Kinematic Viscosity	@40°C	cSt	51.6

Properties		Method	Shell Spirax S6 DCT E 75W-80
Density	@15.6°C      kg/m <sup>3</sup>	ASTM D4052	843.5
Flash Point	°C	ASTM D92	220
Pour Point	°C	ASTM D97	-60

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 S6 DCT E 75W-80 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 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.