



# Shell DCT-M1

Shell DCT-M1 is a high performance Dual Wet Clutch transmission fluid for Daimler DCT transmissions. Shell DCT-M1 combines advanced DCT additive technology and high shear stability with excellent wet clutch friction stability.

## DESIGNED TO MEET CHALLENGES

### Main Applications

- Shell DCT-M1 has been developed as an initial-fill and service-fill fluid for use in 7-speed dual clutch transmissions (7G-DCT) used in the latest generation of Mercedes-Benz A- and B-Class passenger cars (models W176 & W246).

### Specifications, Approvals & Recommendations

- MB 236.21  
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

### Typical Physical Characteristics

Properties			Method	Shell DCT-M1
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	DIN 51 562-1	31
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	DIN 51 562-1	6.8
Viscosity Index			DIN ISO 2909	187
Dynamic Viscosity	@-40°C	mPa s	ASTM D2983	9150
Density	@15°C	kg/m <sup>3</sup>	DIN 51757	848
Flash Point		°C	DIN EN ISO 2592	202
Pour Point		°C	DIN 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 DCT-M1 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 your Shell representative.

#### • 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.