



Shell TF 0870 B

Synthetic Transfer Case Fluid

TF0870 B is a high performance transfer case fluid for special transfer case applications of Magna Powertrain. Based on synthetic base fluids TF0870 B is the optimum performance transfer case fluid for fill-for-life lubrication under most severe operating conditions.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Excellent oxidative stability
- Superior low temperature fluidity
- Excellent thermal properties
- Very good shear stability
- Very good friction stability
- Excellent antifoaming properties

Main Applications

- TF0870 B is exclusively approved by Magna Powertrain for special transfer case applications

Specifications, Approvals & Recommendations

- Released part numbers: L073000180, MR00077
- For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell TF 0870 B
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	28
Kinematic Viscosity	@100°C	mm ² /s	ASTM D445	6.0
Dynamic Viscosity	@-40°C	mPas	DIN 51398	6500
Viscosity Index			ISO 2909	160
Density	@15°C	kg/m ³	ISO 12185	834
Flash Point		°C	ISO 2592	220
Pour Point		°C	ISO 3016	-54

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 TF 0870 B 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.