



Previous Name: Shell Spirax G 80W-90

# Shell Spirax S2 G 80W-90

High Quality API GL-4 Oil for Manual Transmissions and Gear Sets

Shell Spirax S2 G 80W-90 is an automotive gear lubricant containing multi-functional additives required for mild extreme pressure conditions.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Comprehensive components**  
Specially selected additives impart good anti-wear, anti-rust characteristics and oxidation stability.

### Main Applications



- **Manual gearboxes**  
Shell Spirax S2 G 80W-90 provides excellent lubrication of manual gearboxes of motorcycles, passenger cars and commercial vehicles (on and off road) operating under high speed/low torque and low speed/high torque conditions.  
Suitable for gearboxes fitted with synchromesh.

- **Rear axles**  
Suitable for applications presenting conditions of medium severity, such as some light duty commercial vehicles, passenger cars and motorcycles. Not suitable for heavy duty hypoid axles.

### Specifications, Approvals & Recommendations

- API Service Classification : GL-4  
For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

### Typical Physical Characteristics

Properties			Method	Shell Spirax S2 G 80W-90
SAE Viscosity Grade			SAE J 306	80W-90
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ISO 3104	146
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ISO 3104	14.7
Viscosity Index			ISO 2909	100
Density	@15°C	kg/m <sup>3</sup>	ISO 12185	900
Flash Point (COC)			ISO 2592	175
Pour Point			ISO 3016	-27

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 S2 G 80W-90 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.