



Previous Name: Shell Dentax 90

# Shell Spirax S1 G 90

*High Quality API GL-1 Oil for Transmission and Lightly Loaded Gears*

Shell Spirax S1 G 90 is a high quality, straight mineral oil intended for certain automotive transmissions and equipment gear sets with light loading.

## DESIGNED TO MEET CHALLENGES

### Main Applications



- Manually operated automotive gearboxes or manual transmissions.
- Lightly loaded gear sets in ancillary equipment.
- Spiral-bevel and worm axles.

Use where gear loadings are relatively mild and extreme-pressure oils are not required.

Not recommended for heavy-duty transmission applications, hypoid gear sets and differentials or any moderate to heavily loaded gear set.

### Specifications, Approvals & Recommendations

- API Service Classification GL-1

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

### Typical Physical Characteristics

Properties			Method	Shell Spirax S1 G 90
Viscosity Grade				90
Kinematic Viscosity	@40°C	cSt	ASTM D445	183
Kinematic Viscosity	@100°C	cSt	ASTM D445	16.8
Viscosity Index			ASTM D2270	97
Flash Point (COC)			ASTM D92	258
Pour Point			ASTM D97	-9
Density	@15°C	kg/l	ASTM D1298	0.891

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 S1 G 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.