



Previous Name: Shell Spirax A LS

Shell Spirax S2 ALS 85W-140

High quality, GL-5 axle oil for limited slip differentials

Spirax S2 ALS 85W-140 oil is blended for use in a wide variety of automotive axle units with limited slip differentials.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Comprehensive components**
 Specially selected additives impart good anti-wear, anti-rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet requirements of limited slip differentials.
- High quality base oils**
 Maintains low temperature flow in the designed temperature range, resists oxidation, and maintains oil film between gears.

- Automotive drivelines**

Suitable for heavy duty vehicles, including construction machines or buses, and passenger cars which are fitted with limited slip differentials. May be used in other moderate to heavily loaded gear sets that will allow use of a friction modified, hypoid gear oil.

Specifications, Approvals & Recommendations

- API Service Classification GL-5 with Limited Slip**
 For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Main Applications



Typical Physical Characteristics

Properties			Method	Shell Spirax S2 ALS 85W-140
SAE Viscosity Grade			SAE J 306	85W-140
Kinematic Viscosity	@104°F	mm ² /s	ASTM D445	358
Kinematic Viscosity	@212°F	mm ² /s	ASTM D445	25.6
Viscosity Index			ASTM D2270	94
Density	@59°F	kg/m ³	ASTM D1298	908
Flash Point (COC)			ASTM D92	419
Pour Point			ASTM D97	5

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 ALS 85W-140 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.