



Shell Spirax A



High quality axle oils

Spirax A are blended for use in a wide variety of automotive axle units subjected to heavy duty conditions.

Applications

Automotive transmissions

Heavy duty hypoid axles.
Other automotive transmission units operating under high speed/shock load, high speed/low torque and low speed/high torque conditions.

Performance Features and Benefits

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

Specification and Approvals

API Service Classification GL-5

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

Storage Requirements

Store at ambient temperatures and periods of exposure to temperatures above 35°C

Protect the environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water

Typical Physical Characteristics

Spirax A		80W	80W-90	90	80W-140	85W-140	140		
SAE Viscosity grade	SAE J 306	80W	80W-90	90	80W-140	85W-140	140		
Kinematic Viscosity	ISO 3104								
		at 40°C	mm ² /s	66	146	145	209	358	340
		at 100°C	mm ² /s	9.2	14.7	14.3	24.5	25.6	25.1
Viscosity Index	ISO 2909	116	100	96	146	94	96		
Density at 15°C	kg/m ³ ISO 12185	889	904	909	909	908	918		
Flash Point COC	°C ISO 2592	165	175	180	201	215	199		
Pour Point	°C ISO 3016	-36	-27	-18	-15	-15	-9		

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.