DESIGNED TO KEEP GOING.
JUST LIKE OUR AXLE, GEAR AND TRANSMISSION OILS – SHELL SPIRAX.

DESIGNED TO MEET CHALLENGES
The Shell Spirax range of axle, gear and automatic transmission fluids has been developed to enable drivers, fleet owners and owner operators to select the oil that will deliver optimum value to their operations through enhanced wear protection, long oil life and efficiency.

**PROVEN WEAR PROTECTION**
Protecting axles and gears from wear can help to reduce maintenance costs, extend vehicle life and maximise your return on investment.

The Shell Spirax range of axle and gear oils offers proven protection, including the latest synthetic oils that deliver exceptional wear, pitting, bearing fatigue and corrosion protection for heavy-duty axles, transmissions and gears operating under highly stressed conditions. This can help to reduce your costs.

**LONGER OIL AND COMPONENT LIFE**
The longer an oil goes on protecting its components, the less maintenance your vehicle requires, so it can continue to operate without interruption, which can reduce your maintenance costs. The Shell Spirax range contains oils that are designed to offer you value through exceptional oil life and protection that enable oil drain intervals and component life to be extended. For example, in industry-standard oxidation tests, Shell Spirax S6 GXME axle oil remains in specification after four times the normal duration of the test, which means that it can go on protecting your vehicle components.

**EFFICIENCY**
Shell Spirax oils are designed to keep your transmission components protected so that they go on working efficiently. For instance, Shell Spirax S6 AXME and Shell Spirax S6 GXME have special frictional properties and high fluidity that reduce power loss, lower the operating temperature and offer higher mechanical efficiency. These properties can help to deliver fuel efficiency and savings.

**THE BENEFITS OF USING DEDICATED AXLE AND GEAR OILS**

Many gearboxes and axles use different materials and operate under different conditions. A single oil used for both applications may lead to a compromise in the benefits of using dedicated axle and gear oils.Shell Spirax oils have been specifically designed to meet the challenges and requirements of many industry-leading automatic transmission, axle and gear manufacturers.

The oils are formulated by Shell’s scientists to deliver the specific oxidation, shear and viscosity requirements of the axle and gearbox, reduce wear and provide maximum protection and efficiency for each application.

**PERFORMANCE YOU CAN COUNT ON**

The benefits of Shell Spirax S6 GXME and Shell Spirax S6 AXME have been demonstrated through extensive laboratory tests and over 20 million kilometres of field trials. Shell’s axe and gear oils are developed in close cooperation with customers and equipment manufacturers. The Shell Spirax range is approved by many vehicle and automotive component manufacturers.

**PRODUCT-NAME SUFFIX KEY**

- **A** = Axle
- **AX** = Automatic transmission fluid
- **D** = Dana/ATV
- **E** = Energy efficiency
- **G** = Gear
- **HD** = Heavy duty
- **LS** = Limited slip
- **M** = (line) maintenance
- **Mercon®/MAN**
- **U** = Allison
- **V** = Vest
- **X** = Multi-vehicle/multi-OEM
- **Z** = ZF

**GEARBOXES AND MANUAL TRANSMISSIONS**

- **Shell Spirax S6 GXME**
  - SYNTHETIC
  - Exceptional performance
  - Energy efficient
  - Greater fuel efficiency and lower maintenance

- **Shell Spirax S5 GXE**
  - SYNTHETIC
  - Exceptional performance
  - Energy efficient
  - Greater fuel efficiency and lower maintenance

- **Shell Spirax S3 G**
  - Proven performance
  - API GL-4 and key OEM specifications

- **Shell Spirax S2 G**
  - Proven performance

- **Shell Spirax S6 AXME**
  - SYNTHETIC
  - Exceptional performance
  - Energy efficient
  - Maintenance saving

- **Shell Spirax S5 ATE**
  - Exceptional performance for transaxles
  - Energy efficient

- **Shell Spirax S4 AX/AM/AD**
  - Proven performance

- **Shell Spirax S3 ALS**
  - Proven performance
  - Designed for OEMs/MAN/Daimler
  - ZF approved

- **Shell Spirax S2 ALS**
  - Proven performance
  - Limited slip

- **Shell Spirax S6 AXME (30 hours)**
- **Shell Spirax S6 AXME (100 hours)**
- **Shell Spirax S6 GXME (Industry limit)**

**Automatic TRANSMISSIONS**

- **Shell Spirax S5 ATF X**
  - SYNTHETIC
  - Exceptional performance
  - Versatile application

- **Shell Spirax S5 ATF D2**
  - Proven performance
  - Versatile application

- **Shell Spirax S5 ATF ZD**
  - Proven performance
  - Dexron® II/Mercon®

- **Shell Spirax S5 ATF D3**
  - Proven performance
  - Dexron® III/Mercon®

- **Shell Spirax S5 ATF ZM/VM/UM**
  - Proven performance

**APPLICATION ICON KEY**

- Heavy truck
- Truck
- Heavy truck cabover
- Passenger car
- Motorcycle
- Excavator
- Bus/coach
- Pickup

**CONTACT YOUR SHELL REPRESENTATIVE TO FIND OUT ABOUT THE FULL RANGE OF SHELL SPIRAX AXLE, GEAR AND AUTOMATIC TRANSMISSION FLUIDS, INCLUDING PRODUCTS SPECIFICALLY DESIGNED FOR THE CONSTRUCTION AND AGRICULTURE INDUSTRIES**
Shell Lubricants is the number one lubricants supplier (Kline & Company, 2008) and has a 60-year history of innovation. It constantly invests to develop better lubrication solutions, including advanced synthetic technologies such as Shell Rimula R5 LME synthetic heavy-duty engine oil and Shell Spirax S6 AXME synthetic axle oil.

In addition, Shell provides the world-leading Shell LubeAnalyst oil condition monitoring service, which is designed to help improve your business performance. Whatever your needs or application, Shell can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

For more information, please contact shell.com/lubricants

“Shell Lubricants” refers to the various Shell companies engaged in the lubricants business.