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

DESIGNED TO MEET CHALLENGES
EVERY PART OF YOUR VEHICLE HAS BEEN METICULOUSLY ENGINEERED, SO YOU WANT TO BE SURE THAT YOU CHOOSE A LUBRICANT THAT HAS BEEN DESIGNED TO ENSURE YOUR EQUIPMENT IS WELL PROTECTED AND WORKS EFFICIENTLY.

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

PERFORMANCE YOU CAN COUNT ON

The benefits of Shell Spirax S6 GME and Shell Spirax S6 AXME have been demonstrated through extensive laboratory tests and over 20 million kilometres of field trials. Shell’s axle 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.

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 heavily loaded 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 you will incur and component life will be extended. For example, in industry-standard oxidation tests, Shell Spirax S6 AXME axle oil remains in service 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 GME have spacial 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.

INCREASINGLY EFFICIENT PROTECTION

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 either or both the axle and gearbox wear protection and efficiency. 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 stability and performance characteristics needed to provide excellent protection, power and efficiency for each application.

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.
**Gearbox and manual transmissions**

**Shell Spirax S6 AXME**
- Energy efficient
- Maintenance saving
- Meets requirements of API GL-5 and MT-1; MIL-PRF-2105E, and SAE J2360
- Approved by AGMA Standard 250.03, ArvinMeritor; Caterpillar; Ford; Mack; and ZF

**Shell Spirax S3 AT**
- Proven performance
- Universal Tractor Oil
- Meets requirements of API GL-4, approved by Massey Ferguson - M1139/M1144
- Caterpillar - CAT TO-2, John Deere - JD607, Caterpillar - CAT TO-2 ZF - TEMI 06B, 06Q, 07B

**Gearbox and Axles**

**Shell Spirax S4 AT**
- Proven performance
- For use in Gearboxes & Axles
- Meets requirements of API GL-4/5 and MT-1

**Axles**

**Shell Spirax S6 AXME**
- Exceptional performance
- Energy efficient
- Maintenance saving
- Meets requirements of API GL-5 and MT-1; MIL-PRF-2105E; and SAE J2360
- Approved by AGMA Standard 250.03, ArvinMeritor; Caterpillar; Ford; Mack; and ZF

**Shell Spirax S5 AX**
- Exceptional performance
- Energy efficient
- Meets requirements of SAE J 300. Approved by Caterpillar FD-1 or where CAT FD-1 (FDQ) is specified

**Shell Spirax S5 CFD M**
- Proven Performance
- Caterpillar FD-1
- Meets requirements of SAE J 300. Approved by Caterpillar FD-1 or where CAT FD-1 (FDQ) is specified

**Shell Spirax S5 AS**
- Proven performance
- Key OEM specifications
- Meets requirements of SAE J 300. Approved by SAE J 300. Approved by Caterpillar FD-1 or where CAT FD-1 (FDQ) is specified

**Shell Spirax S2 A**
- Proven performance
- Meets requirements of API GL-5

**Automatic transmissions**

**Shell Spirax S6 ATF ZM**
- Maintenance saving
- Maximum performance for ZF
- Meets requirements of ZF TEMI 4D; 14E; and MAN 339 Type 24 (ZF Ecomat 150,000 km)

**Shell Spirax S5 AT**
- Exceptional performance
- Versatile application
- Approved by Arvin (MVS 3309 [all applications]; Allison C4; Ford Mercon® and Mercon®; General Motors DEXRON® IIIH; and JASO 1:4 and 2A:02)

**Shell Spirax S4 ATF HDX**
- Proven performance
- Versatile application
- Meets requirements of Ford Mercon®, General Motors DEXRON® IIIG; Allison C4; Mercedes-Benz 236.9; 339 Type 22 and 339 Type V2; Voith 55.636; and ZF TEMI 040, 09, 14B, 16B, and 17C

**Shell Spirax S4 CX**
- Proven performance
- Meets requirements of SAE J 300. Suitable for use where the following specifications are called for: Caterpillar Tractor - TO-4

**Shell Spirax S4 TMD**
- Proven performance
- Multi-function Transmission
- Hydraulic Oil
- Meets requirements of API GL-4, MIL-PRF-5605C; MIL-PRF-5605E; MIL-PRF-2105E; and MIL-PRF-23699E
- Suitable for use where the following specifications are called for: Caterpillar - CAT TO-2, John Deere - JD607, Caterpillar - CAT TO-2 ZF - TEMI 06B, 06Q, 07B

**Shell Spirax S3 AT**
- Proven performance
- Meets requirements of General Motors DEXRON® II and Ford Mercon®

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**FULL PRODUCT AND SERVICE PORTFOLIO**

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 R6 LM synthetic heavy-duty engine oil.
- 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.

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**SPEAK TO YOUR SHELL LUBRICANTS DISTRIBUTOR FOR MORE INFORMATION.**

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Technical Assistance Australia 1300 134 205
Shell Customer Service 13 16 18
shell.com.au/lubricants

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