

Shell Spirax S6 AXME



DESIGNED TO MEET CHALLENGES

Every part of your vehicle has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Spirax range of axle and gear oils has been developed to enable vehicle manufacturers and fleet operators to select the oil that will deliver optimum value to their operations through wear protection, long oil life and efficiency.

KEY BENEFITS

- ✓ Reduced friction for improved fuel efficiency
- ✓ Longer oil-drain interval for reduced maintenance costs and better value
- ✓ Exceptional wear and corrosion protection for longer equipment life
- ✓ Less oil leakage



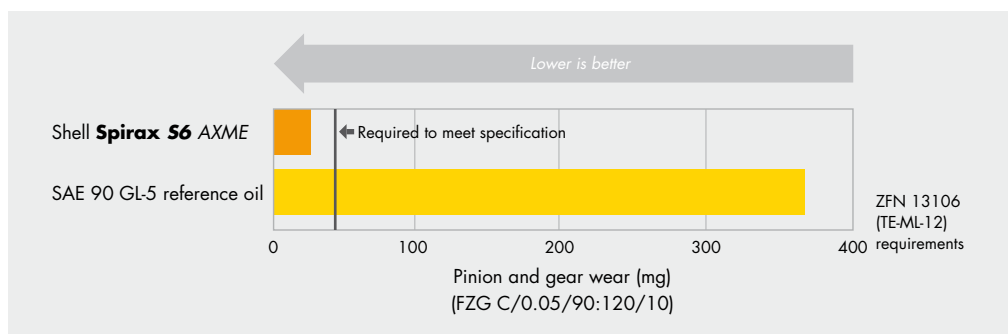
EXCEPTIONAL PERFORMANCE, SYNTHETIC AXLE OIL

Shell Spirax S6 AXME is Shell's unique, fuel-efficient, long-life axle oil, and is designed to provide the ultimate protection for the latest heavy-duty axles and manual transmissions where axle oil is specified. It is specifically formulated with synthetic base oils and additive technology for improved drive-train lubrication and lower operating temperatures. Shell Spirax S6 AXME also helps to promote longer life for equipment operating under highly stressful conditions.

DESIGNED TO PROTECT

Protecting axles and manual transmissions from wear, pitting and corrosion can help to extend component life and maximise your return on investment. Shell Spirax S6 AXME

- **helps to prevent damaging deposits from forming in the gears,** thanks to its high oxidation resistance, so components can last longer
- **offers far greater wear protection** than an SAE 90 GL-5 reference oil in the FZG slow-speed wear test run over 120 hours, which evaluates lubricant performance under extreme wear conditions.

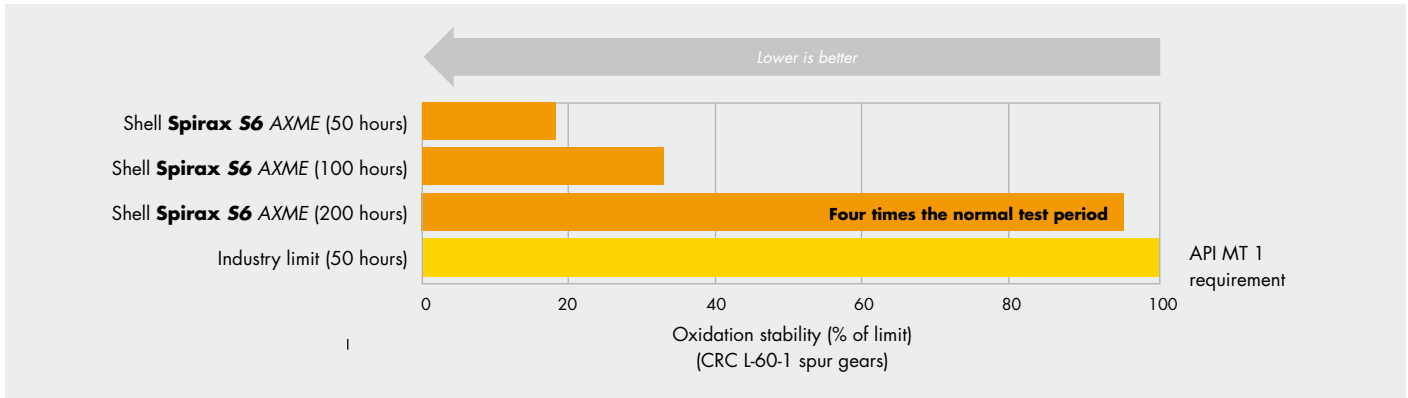


DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil and component life. Shell Spirax S6 AXME has exceptional resistance to physical and chemical breakdown, which means that it can go on protecting components for longer. It has

- **excellent oxidation resistance,**

as it remains within the oxidation limits for four times longer than the normal test period.



FUEL EFFICIENCY

Shell Spirax S6 AXME has special frictional properties and high fluidity that reduce power loss, lower the operating temperature and offer higher mechanical efficiency. In hypoid gear tests, Shell Spirax S6 AXME reduced temperatures by 1.2°C compared with an SAE 90 GL-5 reference oil. These properties can help to cut fuel costs for your business.

SPECIFICATIONS AND APPROVALS

The benefits of Shell Spirax S6 AXME and Shell Spirax S6 GXME have been demonstrated through extensive laboratory tests and over 20 million kilometres of field trials. A wide range of industrial bodies and vehicle manufacturers recognises these benefits, and approves Shell Spirax S6 AXME, including for extended-drain-interval specifications. It is available in viscosity grades SAE 75W-90, R 75W-90, 75W-140 and 80W-140.

Requirements*	Approvals*
API GL-5, MT-1, AGMA Standard 250.03, DAF, GE D50E9C, Harnischfeger (P&H) 474, International (Navistar) TMS 6816, Iveco extended drain, Mack GOJ Plus, MIL-PRF-2105E, US Steel 224	Arvin Meritor O-76B (standard drain), O76-N, O76-Q and O76-R (extended drain) Dana SHAES 429 Rev. A MAN 342 Typ S1 SAE J2360 Scania STO 1:0, STO 2:0A Volvo 97312 ZF TE-ML 05B, 07A, 12B, 16F, 17B, 19C, 21

*Claims vary by viscosity grade; refer to technical data sheets for specific products

APPLICATIONS



Suitable for heavy-duty differentials; all applications normally lubricated by automotive gear oil such as rear wheel bearings, manual steering gears and universal joints; transfer cases for automobiles, light and heavy-duty trucks, farm equipment and heavy construction equipment; industrial gear applications where extreme pressure oils with excellent low- and high-temperature properties are required; differentials used with Eaton and Arvin/Meritor extended warranties; and non-synchronised manual transmissions and transmissions where the manufacturer specifies an API GL-5 oil

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we can provide a full range of lubricants and services, including Shell Rimula heavy-duty engine oils, Shell Gadus greases and the Shell LubeAnalyst oil and equipment condition monitoring service.

For more information, please contact

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