

Shell Spirax®

High Performance Off Highway Transmission and Hydraulic Oil for many applications

S4 CX



- Exceptional performance
- Caterpillar TO-4



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 protect your equipment and help keep it working efficiently.

The Shell Spirax® range of transmission fluids has been developed to enable vehicle manufacturers and fleet operators to select the oil that is designed to help deliver optimum value to their operations through wear protection, long oil life and efficiency.

KEY BENEFITS

- ✓ Excellent wear and corrosion protection for long equipment life
- ✓ Excellent oxidation and shear stability for long fluid life
- ✓ Excellent low-temperature and start-up operation
- ✓ Minimized clutch slip and smooth braking



HIGH-PERFORMANCE OFF-HIGHWAY TRANSMISSION FLUID

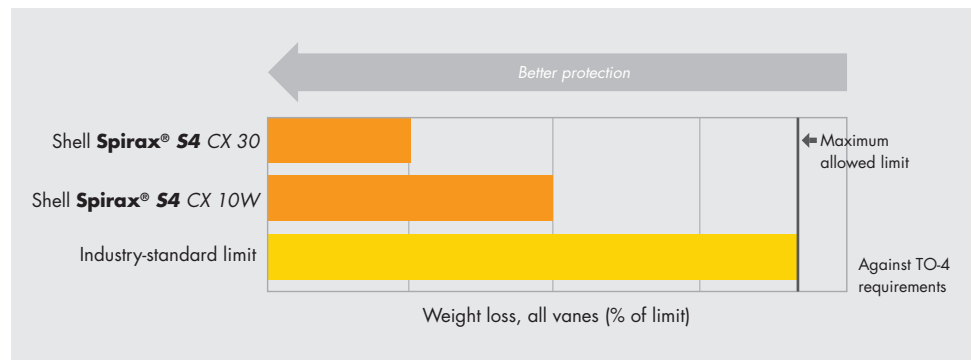
Shell Spirax® S4 CX lubricant is a high-performance, off-highway transmission fluid designed to provide reliability and trouble-free operation for the life of the equipment. It is a fluid that you can rely on to meet the demanding requirements of modern transmissions, final drives, oil-immersed brakes and hydraulic systems fitted to heavy-duty offroad equipment.

DESIGNED TO PROTECT

Protecting heavy-duty off-road transmissions from wear and corrosion can help to extend component life and maximize your return on investment. Shell Spirax® S4 CX fluid offers:

- **excellent wear protection performance** in the demanding Vickers 35VQ25 hydraulic-pump test
- **protection for heavily loaded components** through a shear-stable formulation, which is free from viscosity-index improvers and thickeners
- **excellent start-up and cold-condition protection**, thanks to its good low-temperature fluidity and viscosity (a range of viscosities for different equipment and operating environments is available)

- **excellent corrosion protection** for ferrous and non-ferrous metals





**SHELL SPIRAX® S4 CX
FLUID OFFERS EXCELLENT
START-UP AND COLD-
CONDITION PROTECTION,
THANKS TO ITS GOOD
LOW-TEMPERATURE
FLUIDITY AND VISCOSITY.**

DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil and component life. Shell Spirax® S4 CX fluid has excellent resistance to physical and chemical breakdown, which means that it can go on protecting heavily loaded components. It offers:

- **excellent oxidation stability**, which helps to prevent deposit formation and can help prolong oil and equipment life

SYSTEM EFFICIENCY

Shell Spirax® S4 CX fluid has highly consistent and reliable friction properties when used with the advanced materials found in modern systems, which help to minimize clutch slip and provide smooth braking and efficient transmission operation.

PERFORMANCE SPECIFICATIONS

Shell-branded lubricants are developed with key component and off-highway equipment manufacturers. They offer demonstrated performance benefits from real-world applications.

Shell Spirax® S4 CX fluid is suitable for use in the heavy-duty off-road equipment produced by some of the world's leading manufacturers, including Caterpillar and Komatsu, and in transmissions manufactured by Eaton, Eaton Fuller, ZF and others. It has the following performance specifications:

- Caterpillar TO-4
- ZF TE-ML 03C, 07F

Shell Spirax® S4 CX fluid is also suitable for use in applications where Allison C-4 type fluids are required.

APPLICATIONS



Suitable for power-shift transmissions, final drives and oil-immersed brakes in heavy-duty off-road equipment

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we can provide a full range of Shell branded lubricants and services, including passenger car engine oils; transmission and axle oils; power steering fluids; coolants and antifreezes; greases; and the Shell LubeAnalyst™ oil and equipment condition monitoring service.

For more information, please contact your Shell Lubricants representative

shell.com/lubricants

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