

# Shell Corena S4 P



- Extra long life
- System efficiency
- Severe applications



**DESIGNED TO MEET CHALLENGES**

Every part of your machine or process 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 Corena range of air compressor oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through

- **wear protection**
- **long oil life**
- **system efficiency.**



Performance at a glance			
	Protection	Oil life	System efficiency
<b>Shell Corena S4 P SYNTHETIC</b> ■ Extra long life ■ System efficiency ■ Severe applications	✓✓✓	✓✓✓✓	✓✓✓
<b>Shell Corena S2 P</b> ■ Reliable protection ■ Standard life applications	✓	✓✓✓	✓✓✓

Performance level is a relative indication only.

## AN ADVANCED, SYNTHETIC RECIPROCATING AIR COMPRESSOR OIL

Shell Corena S4 P is the ultimate Shell reciprocating air compressor oil. It uses an advanced, synthetic, ashless-technology formulation to provide extended oil and equipment life. It is an oil that you can rely on to help keep your highest temperature and pressure reciprocating air compressors working efficiently for longer and thus provide enhanced compressed air availability for increased productivity. It is widely recognised by leading equipment manufacturers.

## DESIGNED TO PROTECT

Protecting compressors from damage can help to increase service life and maximise your return on investment. Shell Corena S4 P offers

- **excellent protection across a wide temperature range**, as it is

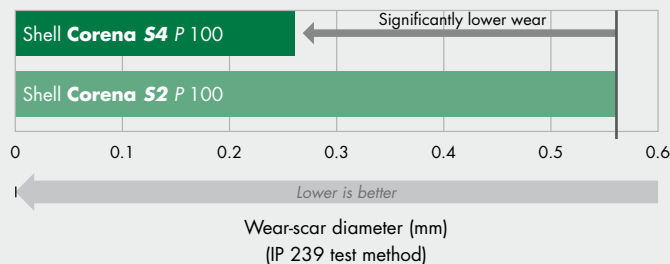


**19% thinner at low temperatures** compared with a conventional oil, which helps it flow to where protection is needed



**10% thicker at high temperatures** compared with a conventional oil, which offers protection in hot, extended operating conditions

- **excellent four-ball wear test performance** compared with Shell Corena S2 P, as it passes at 170 kg.

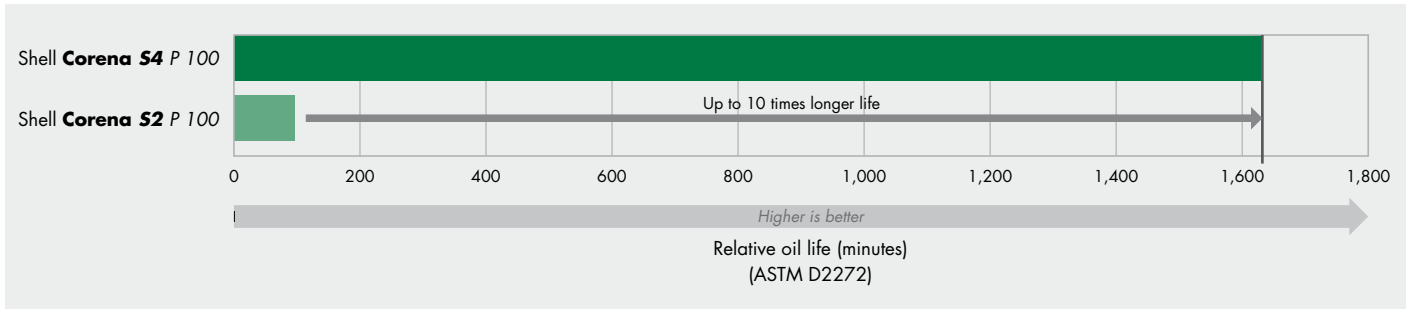


## DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Corena S4 P is designed to help you operate for longer without interruption – for reduced maintenance requirements and enhanced productivity. Shell Corena S4 P delivers

- **up to 10 times longer oil life**

than Shell Corena S2 P in industry-standard oxidation tests.

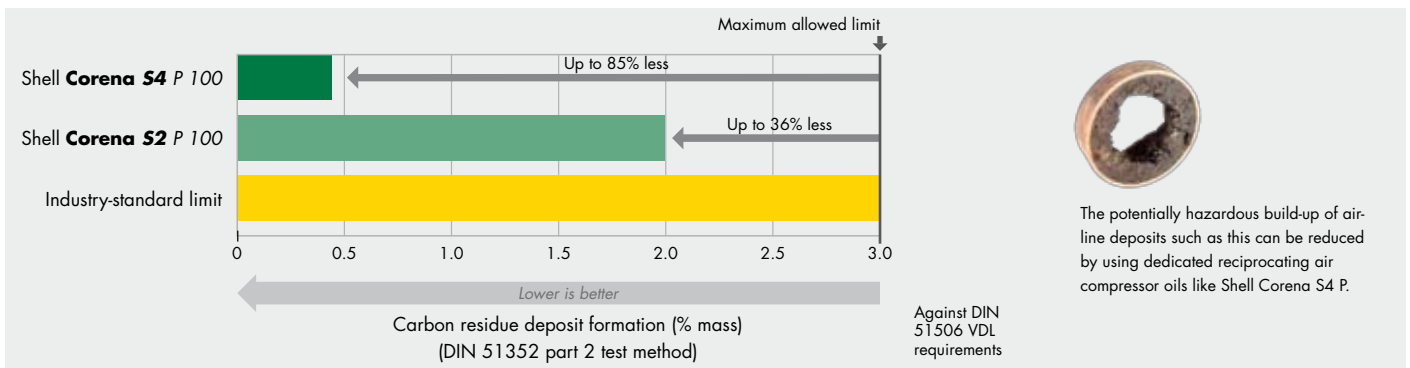


## DESIGNED FOR SYSTEM EFFICIENCY

Deposits can cause dangerous compressor air-line explosions. Keeping pistons, valves and air lines clean is also critical for air compressor efficiency. Good water separation, air release and foaming resistance properties are also important for system efficiency. Shell Corena S4 P helps to keep compressors clean. It provides

- **up to 85% less carbon deposits**

than the maximum allowed under the industry-standard requirements.



The potentially hazardous build-up of air-line deposits such as this can be reduced by using dedicated reciprocating air compressor oils like Shell Corena S4 P.

## SPECIFICATIONS AND APPROVALS

Shell Corena S4 P is suitable for compressors from a wide range of manufacturers, and is available in viscosity grades ISO 68 and 100.

### Meets requirements

DIN 51506 VDL ISO/DP 6521-L-DAB – medium duty      ISO 6743-3:2003 DAB – severe duty  
EN 12021

## APPLICATIONS



Reciprocating air compressors – designed to help prevent the build-up of potentially hazardous deposits in air lines, which can increase the risk of explosion. Suitable for use in nearly all reciprocating air compressors



High-temperature applications – long-life, synthetic formulation for use in high-pressure applications where air discharge temperatures are above 220°C



Breathing-air compressors – when used with oil separation apparatus



Exceptional stability – for up to 4,000 hours of oil life, depending on the operating conditions

## REAL-WORLD VALUE DELIVERY

Using a dedicated reciprocating air compressor oil such as Shell Corena S4 P can help to

- control deposit build-up to reduce the risk of dangerous compressor air-line explosions
- reduce maintenance costs and increase the availability of compressed air for enhanced productivity.

## FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we 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](http://shell.com/lubricants)

