

# Shell Diala S2 ZU-I



- Reliable performance
- Meets IEC 60296



**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 Diala range of electrical oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through

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

## Performance at a glance

	Protection	Oil life	System efficiency
<b>Shell Diala S3 ZX-I</b> ■ Extra performance ■ Meets IEC 60296: high oxidation stability and low sulphur content	✓✓✓✓	✓✓✓✓	✓✓✓✓
<b>Shell Diala S2 ZU-I</b> ■ Reliable performance ■ Meets IEC 60296	✓✓✓	✓✓✓	✓✓✓

Performance level is a relative indication only.



## A LEADING, UNINHIBITED ELECTRICAL INSULATING OIL

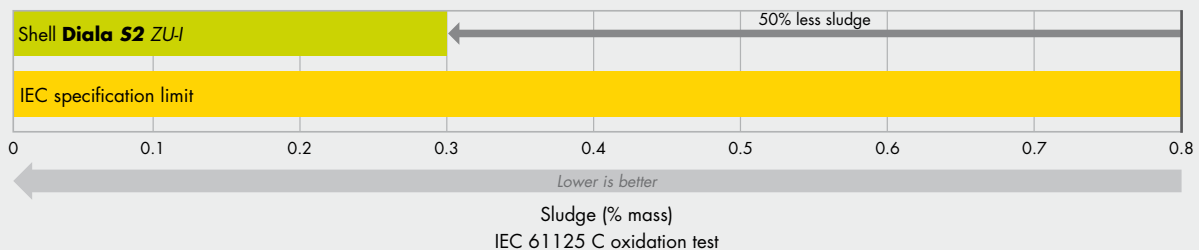
Shell Diala S2 ZU-I is a fluid designed to protect your valuable equipment. Widely recognised and approved by leading equipment manufacturers, it is non-corrosive to copper and does not require a copper passivator, as proved in the latest copper corrosion tests.

Manufactured from highly refined mineral oils, it has resistance to oil degradation by oxidation and good low-temperature properties, which are vital for efficient heat transfer inside the transformer, even at low temperatures.

## DESIGNED TO PROTECT

Protecting components from damage can help to increase service life and maximise your return on investment in equipment. Shell Diala S2 ZU-I provides continuing transformer protection in service. In the industry-standard test, it produced

- **less than 50% of the maximum specified limit for sludge.**



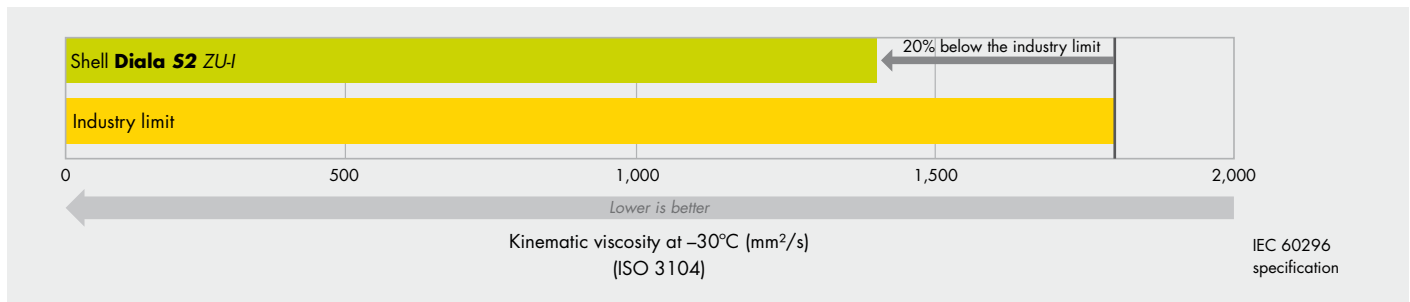
## DESIGNED FOR LONG OIL LIFE

Shell Diala S2 ZUH is an uninhibited electrical insulating oil that offers reliable and predictable long-term performance. It meets the oil life and oxidation requirements (164 hours at 120°C) specified in the industry-standard test (IEC 60296).

## DESIGNED FOR HIGH EFFICIENCY

Shell Diala S2 ZUH is designed to help maximise effectiveness by helping equipment to meet or exceed its design capabilities. Compared with the industry minimum requirements, it offers

- **good low-temperature viscosity,**  
which provides optimised heat transfer at low temperatures.



## SPECIFICATIONS AND APPROVALS

Shell Diala S2 ZUH meets the requirements of the key industry tests and the specifications of most equipment manufacturers and utility companies.

### Meets requirements

IEC 60296 (2003) Table 2 Transformer Oil (U) (uninhibited oil)  
IEC 62535  
ASTM D1275B

## APPLICATIONS



Suitable for use as an electrical insulating oil in power transmission and distribution transformers



Suitable for use in a wide range of electrical equipment such as switchgears, circuit breakers and rectifiers

## REAL-WORLD VALUE DELIVERY

Shell Diala S2 ZUH is one of the latest uninhibited electrical insulating oils from Shell. It has been designed to offer reliable performance and effective protection for transformers throughout their operating lives.

## 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

Empty rectangular box for contact information.

[shell.com/lubricants](https://www.shell.com/lubricants)

