

## Q8 Strauss 46

High performance gas compressor oil

### Description

Q8 Strauss 46 is a high performance compressor oil based on selected premium base fluids. This product is designed as part of the Q8Oils clean technology program to ensure superior compressor cleanliness in combination with long oil life. It meets the challenges of synthesis gas compression, even in severe applications.

### Applications

Synthesis gas compressors, especially for ammonia and methanol production

#### Features

##### Safety

#### Benefits

Tailored to the specific needs of your equipment to ensure safe and reliable operations

##### Lower operational costs

Outstanding formulation to prolong stable operating conditions to reduce downtime and maintenance costs

##### Enhanced technology

Fully compatible with mineral oils and normally used elastomer/plastic materials in compressor equipment

### Specifications & Approvals

DIN 51515-1 L-TD

### Properties

|                                   | Method | Unit               | Typical  |
|-----------------------------------|--------|--------------------|----------|
| Density, 15 °C                    | D 4052 | g/ml               | 0,88     |
| ISO Viscosity Grade               | -      | -                  | 46       |
| Kinematic Viscosity, 40 °C        | D 445  | mm <sup>2</sup> /s | 46.0     |
| Kinematic Viscosity, 100 °C       | D 445  | mm <sup>2</sup> /s | 6.8      |
| Viscosity Index                   | D 2270 | -                  | 100      |
| Total Acid Number                 | D 974  | mg KOH/g           | 0.03     |
| Pour Point                        | D 97   | °C                 | -12      |
| Flash Point, COC                  | D 92   | °C                 | 220      |
| Colour                            | D 1500 | -                  | L 1.0    |
| Foam, 5 min blowing, seq. 1-2-3   | D 892  | ml                 | 10/20/10 |
| Foam, 10 min settling, seq. 1-2-3 | D 892  | ml                 | 0/0/0    |
| Rust Test, Proc. A and B, 24 h    | D 665  | -                  | pass     |
| Copper Strip, 3 h, 100 °C         | D 130  | -                  | 1        |

The figures above are not a specification. They are typical figures obtained within production tolerances.

### Remarks

Q8 Strauss avoids compatibility problems which normally occur when standard turbine oils are used to lubricate synthesis gas compressors.