

# Q8 Verdi 320

## Application

- Hydropower turbines, bearing systems, light loaded gears, hydraulic systems not requiring anti-wear performance and compressor lube oil systems for which no specific compressor oils are required

## Specifications

- DIN 51524, Part 1, category HL
- DIN 51515, category L-TD
- DIN 51517 Part 2, category CL
- DIN 51506:2013, category VBL
- DIN 51506:1985, category VCL (NB:category VCL is obsolete in DIN 51506:2013)

## Benefits

- Offers long service life
- Suitable for a wide range of applications
- Excellent rust protection
- Outstanding water separation characteristics

## References

- Q8 Verdi is applied in a variety of industrial equipment which do not require anti-wear performance

| Properties                         | Method    | Unit               | Typical     |
|------------------------------------|-----------|--------------------|-------------|
| ISO Viscosity Grade                | -         | -                  | 320         |
| Absolute Density, 15 °C            | D 4052    | kg/m <sup>3</sup>  | 896         |
| Kinematic Viscosity, 40 °C         | D 445     | mm <sup>2</sup> /s | 320         |
| Kinematic Viscosity, 100 °C        | D 445     | mm <sup>2</sup> /s | 24.3        |
| Viscosity Index                    | D 2270    | -                  | 97          |
| Flash Point                        | D 92      | °C                 | 280         |
| Pour Point                         | D 97      | °C                 | -12         |
| Colour                             | D 1500    | -                  | L2.5        |
| Copper Strip, 3 h, 100 °C          | D 130     | -                  | 1           |
| Rust Test, Proc. A and B, 24 h     | D 665     | -                  | pass        |
| Total Acid Number                  | D 974     | mg KOH/g           | 0.12        |
| Emulsion, Distilled Water, 82.2 °C | D 1401    | -                  | 40-40-0(10) |
| Air Release, 50 °C                 | DIN 51381 | min                | -           |
| Foam, 5 min blowing, seq. 1/2/3    | D 892     | ml                 | 10/20/10    |
| 10 min settling, seq. 1/2/3        |           | ml                 | 0/0/0       |
| Oxidation, Time to 2.0 TAN         | D 943     | h                  | 1500+       |

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