

# Q8 Holst AP 46

## Application

- Hydraulic systems equipped with fine filters, or systems not compatible with zinc based anti-wear hydraulic oils

## Specifications

- ISO 11158, category HM
- DIN 51524, Part 2, category HLP
- ISO 6743-4, category HM
- DIN 51502, category HLP

## Benefits

- Reliable operation of sensitive hydraulics such as servo systems and robotics through outstanding demulsibility and filterability
- Long service life due to high oxidation stability
- Suitable for most hydraulic equipment through its outstanding anti-wear performance
- Q8 Holst AP 46 has a pine fragrance. This feature enables to detect very easily and rapidly oil leakages in the hydraulic system.

## References

- Q8 Holst AP 46 provides highest performance in systems sensitive to environmental contaminants and therefore equipped with fine filtration systems.

| Properties                         | Method    | Unit               | Typical              |
|------------------------------------|-----------|--------------------|----------------------|
| ISO Viscosity Grade                | -         | -                  | 46                   |
| Absolute Density, 15 °C            | D 4052    | kg/m <sup>3</sup>  | 874                  |
| Kinematic Viscosity, 40 °C         | D 445     | mm <sup>2</sup> /s | 46                   |
| Kinematic Viscosity, 100 °C        | D 445     | mm <sup>2</sup> /s | 6.77                 |
| Viscosity Index                    | D 2270    | -                  | 98                   |
| Flash Point                        | D 92      | °C                 | 218                  |
| Pour Point                         | D 97      | °C                 | -27                  |
| Colour                             | D 1500    | -                  | L0.5                 |
| Copper Strip, 3 h, 100 °C          | D 130     | -                  | 1a                   |
| Rust Test, Proc. A and B, 24 h     | D 665     | -                  | pass                 |
| Total Acid Number                  | D 974     | mg KOH/g           | 0.10                 |
| Emulsion, Distilled Water, 54.4 °C | D 1401    | -                  | 40-40-0 (10)         |
| Air Release, 50 °C                 | DIN 51381 | min                | 3                    |
| Oxidation, Time to 2.0 TAN         | D 943     | h                  | >2500 (test ongoing) |
| FZG Test, A/8.3/90                 | DIN 51354 | load stage         | >12                  |

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

