

# Q8 Holst 32

## 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

## References

- Q8 Holst provides highest performance in systems sensitive to environmental contaminants and therefore equipped with fine filtration systems.
- Q8 Holst is approved by major hydraulic pump manufacturers and recommended by equipment manufacturers among which are Alzmetall, Müller Weingarten and KHD Humboldt Wedag

| Properties                         | Method    | Unit               | Typical     |
|------------------------------------|-----------|--------------------|-------------|
| ISO Viscosity Grade                | -         | -                  | 32          |
| Absolute Density, 15 °C            | D 4052    | kg/m <sup>3</sup>  | 870         |
| Kinematic Viscosity, 40 °C         | D 445     | mm <sup>2</sup> /s | 32.0        |
| Kinematic Viscosity, 100 °C        | D 445     | mm <sup>2</sup> /s | 5.33        |
| Viscosity Index                    | D 2270    | -                  | 98          |
| Flash Point                        | D 92      | °C                 | 208         |
| Pour Point                         | D 97      | °C                 | -18         |
| Colour                             | D 1500    | -                  | L1.0        |
| 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           | 0.20        |
| Emulsion, Distilled Water, 54.4 °C | D 1401    | -                  | 40-40-0(10) |
| Emulsion, Distilled Water, 82.2 °C | D 1401    | -                  |             |
| Air Release, 50 °C                 | DIN 51381 | min                | 3           |
| Foam, 5 min blowing, seq. 1/2/3    | D 892     | ml                 | 5/20/5      |
| 10 min settling, seq. 1/2/3        |           | ml                 | 0/0/0       |
| Oxidation, Time to 2.0 TAN         | D 943     | h                  | 2500        |
| 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.