

## Q8 Haydn 46

Advanced zinc-based hydraulic oil

### Description

Q8 Haydn 46 oil consists of a zinc-based additive technology. This oil can be used in all sorts of operational applications and industrial equipment. Q8 Haydn 46 oil has an optimum thermal and oxidation stability and has a long service life time.

### Applications

Q8 Haydn 46 is suitable for all kinds of systems, general industrial hydraulic applications and other industrial applications (low charged gears, pumps, compressors, bearings).

### Benefits

- Lower downtime and an improved maintenance efficiency
- Zinc-based additives
- Advanced performance against wear
- Excellent separation of water
- Advanced release of entrained air bubbles

### Specifications & Approvals

|                      |                               |                         |                  |
|----------------------|-------------------------------|-------------------------|------------------|
| <b>Bosch Rexroth</b> | RE 90220 notes                | <b>Eaton Brochure</b>   | 03-401-2010      |
| <b>DIN</b>           | 51517-2 CL                    | <b>ISO</b>              | 11158 HM         |
| <b>DIN</b>           | 51524-2 HLP                   | <b>MAG IAS</b>          | P-68, P-69, P-70 |
| <b>Danieli</b>       | Standard 0.000.001-R15 (2023) | <b>Swedish Standard</b> | SS 155434 AM     |
| <b>Denison</b>       | HF-0, HF-1, HF-2              |                         |                  |

### Properties

|                                    | Method    | Unit               | Typical      |
|------------------------------------|-----------|--------------------|--------------|
| ISO Viscosity Grade                | -         | -                  | 46           |
| Colour                             | D 1500    | -                  | 1,5          |
| Density, 15 °C                     | D 4052    | g/ml               | 0,878        |
| Density, 20 °C                     | D 4052    | g/ml               | 0,869        |
| Kinematic Viscosity, 40 °C         | D 445     | mm <sup>2</sup> /s | 45.0         |
| Kinematic Viscosity, 100 °C        | D 445     | mm <sup>2</sup> /s | 6.9          |
| Viscosity Index                    | D 2270    | -                  | 105          |
| Pour Point                         | D 97      | °C                 | -33          |
| Flash Point, COC                   | D 92      | °C                 | 218          |
| Emulsion, Distilled Water, 54.4 °C | D 1401    | -                  | 40-40-0 (20) |
| 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            |
| 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.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Haydn 46 is **0.85** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.  
For more info check here



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