

Q8 Handel 32

Zinc-based hydraulic oil with very high viscosity index

Description

Q8 Handel 32 is an excellent zinc-based hydraulic oil that is suitable for a wide range of temperatures and applications. Thanks to its very high viscosity index of >180, the zinc-based oil has exceptional flow properties. The high oxidation stability assures an extended drain interval and lubricant life. Q8 Handel 32 is used in demanding applications that require very high viscosity index oils.

Applications

Q8 Handel 32 is used in all season applications, off-highway equipment. It is also applied in industries and applications requiring high viscosity index oils, such as in paper, steel, cement, mining industry.

Benefits

- Lower downtime and an improved maintenance efficiency
- Zinc included technology
- Exceptionally high viscosity index
- Optimum air release
- Outstandingly resistant to oil deterioration
- Exceptionally suitable for use in all seasons
- Optimum separation of water

Specifications & Approvals

| | | | |
|-----------------------|----------------|-------------------------|--------------|
| Bosch Rexroth | RE 90220 notes | ISO | 11158 HV |
| DIN | 51524-3 HVL P | Swedish Standard | SS 155434 AV |
| Eaton Brochure | 03-401-2010 | | |

Properties

| | Method | Unit | Typical |
|------------------------------------|-----------|--------------------|-----------------|
| ISO Viscosity Grade | - | - | 32 |
| Density, 15 °C | D 4052 | g/ml | 0,872 |
| Colour | D 1500 | - | L 1.0 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 32.30 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 6.95 |
| Viscosity Index | D 2270 | - | > 180 |
| Pour Point | D 97 | °C | -48 |
| Total Acid Number | D 974 | mg KOH/g | 0.57 |
| Total Acid Number | D 664 | mg KOH/g | 0.1 after 1000h |
| Flash Point, COC | D 92 | °C | 178 |
| Emulsion, Distilled Water, 54.4 °C | D 1401 | - | 40-40-0(15 min) |
| Foam, 5 min blowing, seq. 1-2-3 | D 892 | ml | 0/20/100 |
| 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 | - | 1a |
| 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 Handel 32 is **1.35** kg CO₂eq / kg.

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

For more info check here



**we
take
care**