

Q8 Hanson 46

Outstanding zinc-free hydraulic oil with high viscosity index

Description

Q8 Hanson 46 is a zinc-free hydraulic oil with a high viscosity index of > 150 and excellent flow properties. Its outstanding thermal and oxidation stability leads to longer lubricant life time and extended drain intervals. Q8 Hanson 46 offers an excellent filterability and demulsibility what makes it recommended for sensitive hydraulic servo systems.

Applications

Q8 Hanson 46 is suitable for all kinds of general industrial hydraulic applications. It is applied in sensitive hydraulic servo systems that require advanced demulsibility and filterability. Q8 Hanson 46 is used in industries and applications that demand a high viscosity index oil (paper, steel, cement or mining industry) and in all season applications (off-highway equipment).

Benefits

Extends service life time thus minimal costs and maximal efficiency

Decreased downtime thanks to increased maintenance efficiency

Features

Excellent reduction of oil oxidation

Outstandingly appropriate for use in a wide range of temperatures

Excellent high viscosity index

Outstanding anti-wear characteristics

Excellent separation of water

Specifications & Approvals

DIN 51502 HVLP ISO 11158 HV

Properties

| | Method | Unit | Typical |
|-----------------------------------|-----------|--------------------|---------|
| ISO Viscosity Grade | - | - | 46 |
| Density, 15 °C | D 4052 | g/ml | 0,872 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 46.0 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 8.36 |
| Viscosity Index | D 2270 | - | 159 |
| Pour Point | D 97 | °C | -36 |
| Flash Point, COC | D 92 | °C | 222 |
| Foam, 5 min blowing, seq. 1-2-3 | D 892 | ml | 0/10/0 |
| 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.