

Q8 Huygens 68

Excellent zinc-free detergent hydraulic oil with high viscosity index

Description

The Q8 Huygens 68 is an excellent zinc-free hydraulic oil with extensive detergent and dispersant functionalities. This oil keeps the hydraulic systems clean without losing the hydraulic properties and helps to disperse contaminants, water and other deposits. The Q8 Huygens 68 has a high viscosity index (150) and outstanding filterability properties.

Applications

The Q8 Huygens 68 is perfect for usage for hydraulic systems in off-road applications and mobile equipment. Thanks to its detergent functionalities, this oil is the ideal solution for hydraulic systems where water and pollution can be a problem. It is also applied in sensitive hydraulics servo systems and robotics industry. It can be used in the most extreme temperatures.

Benefits

Decreased downtime thanks to increased maintenance efficiency

Extensive oil drain interval for a longer lubricant lifetime

Features

Emulsifies entrained water

Excellent cleaning properties

Highly suitable for applications in a broad temperature spectrum

Zinc excluded technology

High viscosity index

Outstanding oxidation stability

Specifications & Approvals

| | | | |
|------------|---------------|------------|----------|
| DIN | 51524-3 HVLPD | ISO | 11158 HV |
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Properties

| | Method | Unit | Typical |
|--------------------------------------|-----------|--------------------|---------|
| ISO Viscosity Grade | - | - | 68 |
| Density, 15 °C | D 4052 | g/ml | 0,879 |
| Colour | D 1500 | - | L 1.5 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 68.0 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 10.85 |
| Viscosity Index | D 2270 | - | 150 |
| Total Acid Number | D 974 | mg KOH/g | 0.3 |
| Pour Point | D 97 | °C | -33 |
| Flash Point, COC | D 92 | °C | 246 |
| 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 |
| Oxidation stability, Time to 2.0 TAN | D 943 | hrs | 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.