PRODUCT DATA SHEET

# Q8 Holst AP 46

*Advanced oil leak detecting zinc-free hydraulic oil*

## Description

*Q8 Holst AP 46 comes with a refreshing pine fragrance. This characteristic enables an easy and rapid detection of oil leakages in the hydraulic system. The Q8 Holst AP 46 is reliable for sensitive hydraulic servo systems thanks to its outstanding filterability and demulsibility. Because the oil has an excellent thermal and oxidation stability, it guarantees a long lubricant life time.*

## Applications

*Q8 Holst AP 46 is ideal for general hydraulic applications. It is also used in other industrial applications such as low charged gears, pumps, compressors and bearings. Thanks to its excellent filterability and demulsibility it is perfect for sensitive hydraulic servo systems. Q8 Holst AP 46 provides highest performance in systems sensitive to environmental contaminants.*

## Benefits

- *Easy and fast detection of oil leakages in the hydraulic system*
- *Minimizes downtime which leads to a higher maintenance efficiency*
- *Contains pine fragrance*
- *Highly user-friendly*
- *Zinc-free additives*
- *Optimum wear protection*
- *Highly resistant to oil deterioration*

## Specifications & Approvals

| | | | |
|---|---|---|---|
| **DIN** | 51524-2 HLP | **ISO** | 11158 HM |

## Properties

| | Method | Unit | Typical |
|---|---|---|---|
| *ISO Viscosity Grade* | *-* | *-* | *46* |
| *Density, 15 °C* | *D 4052* | *g/ml* | *0,874* |
| *Colour* | *D 1500* | *-* | *L 0.5* |
| *Kinematic Viscosity, 40 °C* | *D 445* | *mm²/s* | *46* |
| *Kinematic Viscosity, 100 °C* | *D 445* | *mm²/s* | *6.77* |
| *Viscosity Index* | *D 2270* | *-* | *98* |
| *Total Acid Number* | *D 974* | *mg KOH/g* | *0.10* |
| *Pour Point* | *D 97* | *°C* | *-27* |
| *Flash Point, COC* | *D 92* | *°C* | *218* |
| *Air Release, 50 °C* | *D 3427* | *min* | *3* |
| *Emulsion, Distilled Water, 54.4 °C* | *D 1401* | *-* | *40-40-0 (10)* |
| *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 Holst AP 46 is **1.23** kg $CO_2$eq / kg.*
*Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.*
*To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.*
*For more info check here*

we take care

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

VINÇOTTE