

# HM 46

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21804

*An hydraulic oil, with a composition without zinc. It contains additives which provides it with excellent anti-wear, anti-rust and antioxydant qualities. By the severe selection of base oils, very good characteristics of water separation and anti-foam are obtained.*

## APPLICATIONS

All hydraulic systems, where the manufacteres prescribe the use of hydraulic oils without zinc. Better filterability in the presence of water. Whenever an increased oxidation resistance is required.

## FEATURES

Anti-foam properties: excellent anti-foam properties

Anti-wear and oxidation stability: adequate protection of systems

## PERFORMANCE

DIN HL-P ISO 46

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit               | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml               | 0.877           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s | 44.3            |
| Kinematic viscosity at 100°C | ASTM D445  | mm <sup>2</sup> /s | 6.7             |
| Viscosity index              | ASTM D2270 |                    | 104             |
| A.N. (Colorimetric)          | ASTM D974  | mg KOH/g           | 0.22            |
| Pour point                   | ASTM D6892 | °C                 | -30             |
| Flash Point COC              | ASTM D92   | °C                 | 230             |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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