

A high viscosity index mineral oil for hydraulic transmissions.

This anti-wear hydraulic oil features excellent resistance to hydrolysis and thermal alteration.

During its manufacturing process, it has undergone stringent 4-micron filtration.

PERFORMANCES

NF E 48.603: ISO-L-HV-15-22-32-46-68-100-150
DIN 51524 Part 3: HLVP-15-22-32-46-68-100-150

ADVANTAGES

MATIC F has a stabilised, zinc dithiophosphate-based anti-wear additive, and a high viscosity index, enabling it to resist high temperatures and water, while improving the service life of the installation's components and that of the fluid, which is not self-contaminating.

The chemical stability of **MATIC F**, as well as its exceptional anti-corrosive properties, promote perfect neutrality to metals and elastomers.

MATIC F features a very good shear strength, and has the particularity of possessing a very low pour point.

USES

Any hydraulic control circuits, working at high pressure and/or temperatures and fitted to fixed or mobile equipment:

- Construction machinery.
- Industrial equipment: machine tools, presses, etc.
- Also suitable for lift hydraulic motors.

| Characteristics | Standards | Unit | Values | | | |
|-----------------------------|-------------|--------------------|--------|-------|------|------|
| | | | 15 | 22 | 32 | 46 |
| Grades | ISO-VG | - | 15 | 22 | 32 | 46 |
| Density at 15°C | NF T 60-101 | kg/m ³ | 832 | 850 | 876 | 886 |
| Kinematic viscosity at 40°C | NF T 60-100 | mm ² /s | 15.57 | 22.08 | 31.8 | 45.7 |
| Viscosity index | NF T 60-136 | - | 174 | 164 | 148 | 145 |
| Pour point | NF T 60-105 | °C | -39 | -39 | -36 | -36 |

| Characteristics | Standards | Unit | Values | | |
|-----------------------------|-------------|--------------------|-----------|------------|------------|
| Grades | ISO-VG | - | 68 | 100 | 150 |
| Density at 15°C | NF T 60-101 | kg/m ³ | 886 | 889 | 891 |
| Kinematic viscosity at 40°C | NF T 60-100 | mm ² /s | 68.2 | 99.48 | 144 |
| Viscosity index | NF T 60-136 | - | 144 | 144 | 140 |
| Pour point | NF T 60-105 | °C | -30 | -27 | -24 |

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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Technical data sheet