

THERMIC INO 235

Quenching Oil

DESCRIPTION

THERMIC INO 235 is a half warm neat quenching oil formulated on the basis of synthetic base stocks coming from natural gas.

Its use brings a better comfort for workers in term of work environment, performances, health and safety.

THERMIC INO 235 is designed for quenching of steels with bad hardenability.

APPLICATIONS

THERMIC INO 235 is recommended for the quenching of steels or alloyed steels, with low hardening capacities.

- Mid-hard carbon steels XC 38, XC 48: screws, bolt-and-nut, sharpening gun
- Steels Spring 51CrV4, 55Cr3, 61SiCr7, 51CrV4Nb
- Low alloyed steels 25 NC 6

ADVANTAGES

- Reduces deformations and cracks risk.
- Excellent resistance to oxidation.
- Reduces the calefaction area.
- Reduces fire risks tanks to its high flash point.
- Low consumption.

TECHNICAL INFORMATION

| NAME | UNITS | METHOD | THERMIC INO 235 |
|---------------------------|--------------------|------------|-----------------|
| Color | - | ASTM D1500 | Yellow |
| Density at 20°C (68°F) | - | ISO 12185 | 0.824 |
| Viscosity at 40°C (104°F) | mm ² /s | ASTM D445 | 25.0 |
| Viscosity Index | - | ASTM D2270 | 138.0 |
| Self-Ignition Point | °C | ASTM D92 | 260.0 |
| Flash point | °C | ASTM D92 | > 220 |

These characteristics are given only for information and can be updated over time.

PROPERTIES

- Without mineral oils, heavy metals, sulfur, zinc, chlorine et aromatic compounds
- Very accelerated oil
- Very good wetting properties

- High stability between 30 and 110°C
- Stable quenching power

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.