

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.

RECOMMENDED 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

CHARACTERISTICS	METHOD	UNIT	THERMIC INO 235
Color	ASTM D 1500		Yellow
Density at 20°C	ISO 12.185		0.824
Viscosity at 40°C	ASTM D445	mm ² /s	25
Viscosity index	ASTM D2270		138
Flash point	ASTM D92	°C	222
Ignition point	ASTM D 92	°C	262

The specifications are given for information purposes only and may need to change.

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