

## THERMIC INO 130

Quenching oil

### DESCRIPTION

**THERMIC INO 130** is a very accelerated cold quenching oil formulated on the basis of synthetic base stocks coming from natural gas.

**THERMIC INO 130** use is more comfortable as it respects more the users.

**THERMIC INO 130** has been specially designed for heat treatment of alloyed or non-alloyed steel parts.

### RECOMMENDED APPLICATIONS

**THERMIC INO 130** is especially adapted for quenching of steels or alloyed steels with bad hardenability:

- Medium hard carbon steels: XC 38 - XC 48
- Steels: 51CrV4, 55Cr3, 61SiCr7, 51CrV4Nb
- Low alloyed steels: 20 NC 6

**THERMIC INO 130** can be used in all types of quenching equipments, open tanks, closed tanks and continuous furnaces.

### ADVANTAGES

- Reduced evaporation
- Minimize deformation and cracks risks
- Very short vapor phase on cooling curve
- Very good resistance to oxidation
- Fire risks reduced thanks to its high flash point
- Low consumption

### TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	THERMIC INO 130
Color	Visual		Light yellow
Density at 20°C	ISO 12.185		0.826
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	22
Viscosity index	ASTM D2270		134
Flash point	ASTM D92	°C	232
Ignition point	ASTM D92	°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 90°C
- Stable quenching power