

THERMIC TO 10

Heat Treatment

DESCRIPTION

Cold quenching oil with a high flash point; used for heat treatment of good hardenability steel and parts of simple geometric shape.

RECOMMENDED APPLICATIONS

THERMIC TO 10 is suitable for quenching of :

- Carbon steel
C 55, C 78: pins
- Mild steels
XC 48, XC 55: chain link
- Low alloyed steels
30 CD 12, 12 NC 12, 35 NC 12: gears
- Martensitic steels stainless steel
Z 30 C 13, Z 40 C 14: tools
- High alloyed steels
Z 200 C 13, Z 40 CSSSSSD 10: press tools

ADVANTAGES

- Few loss of oil by carrying of product thanks to its fluidity
- Excellent thermic shock resistance thanks to its high quality additives
- Reduces the calefaction area
- Reduces fire risk thanks to its high flash point

TECHNICAL INFORMATIONS

CHARACTERISTICS	METHOD	UNIT	THERMIC TO 10
Color			Yellow
Density at 20°C	ISO 12.185		0.860
Viscosity at 40°C	ASTM D445	mm ² /s	27.3
Flash point	ASTM D92	°C	222
Ignition point	ASTM D92	°C	244
Storage			Frost-free, in dry place

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

PROPERTIES

- Stable quenching power between 30 and 90°C
- Reinforced with antioxidant additives
- Excellent wetting properties