

## THERMIC TO 10

Heat Treatment

### DESCRIPTION

**THERMIC TO 10** is a cold quenching oil with a high flash point, that is used for good hardenability steel and parts of simple geometric shape.

### 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 CSSSSD 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 INFORMATION

NAME	UNITS	METHOD	THERMIC TO 10
Color	-	Visual	Yellow
Density at 20°C (68°F)	-	ISO 12185	0.865
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	28.0
Self-Ignition Point	°C	ASTM D92	244.0
Flash point	°C	ASTM D92	>220
Cooling speed	-		Normal
Storage	-		in frost-free, dry place

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

**PROPERTIES**

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

**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.