

THERMIC 30 R

Heat Treatment

DESCRIPTION

THERMIC 30 R is an extremely drastic semi-hot quenching oil, used only for steels with a bad hardening capacity.

RECOMMENDED APPLICATIONS

THERMIC 30 R 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: crown gear, heavy parts

ADVANTAGES

- Reduces strain and crack risks
- Excellent thermic shock resistance
- Economical product, due to its fluidity at working temperatures
- Reduces the calefaction area
- Reduces fire risks due to its high flash point

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	THERMIC 30R
Color			Amber
Density at 20°C	ISO 12.185		0.853
Viscosity at 40°C	ASTM D445	mm ² /s	28
Flash point	ASTM D92	°C	212
Ignition point	ASTM D92	°C	240

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

PROPERTIES

- Range of working temperature : 80 - 110°C
- Excellent wetting properties
- Highly reinforced oxidation resistance
- Stable quenching power