

THERMIC TO 26 R

Heat Treatment

DESCRIPTION

THERMIC TO 26 R is a highly accelerated cold quenching oil, with a high flash point, used for heat treatment of complexly shaped steel parts for engineering.

RECOMMENDED APPLICATIONS

THERMIC TO 26 R is recommended for the quenching of steels or alloyed steels, with low hardening capacities.

Medium-hard carbon steels:

XC 38, XC 48: screws, bolt-and-nut, sharpening gun.

Low alloyed steels:

Parts with complex geometries and are sensitive to quenching cracks, large parts.

THERMIC TO 26 R is suitable for heated salt bath rooms, furnace loads, passing and loose parts.

ADVANTAGES

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

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	THERMIC TO 26 R
Color			Clear
Density at 20°C	ISO 12.185		0.863
Viscosity at 40°C	ASTM D445	mm ² /s	27
Flash point	ASTM D92	°C	220
Ignition point	ASTM D92	°C	252

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

PROPERTIES

- Accelerated cold quenching oil
- Range of working temperature: 30 - 90°C
- Excellent wetting properties
- Highly reinforced oxidation resistance
- Stable quenching power