

THERMIC SP

Heat Treatment

DESCRIPTION

THERMIC SP is a water soluble, synthetic liquid, used diluted in water for surface hardening operations giving an efficient protection against the corrosion of the treated parts as well as machine parts.

THERMIC SP can be used for tempering stop, in case a middle term protection against corrosion is required, without using a product for temporary protection.

RECOMMENDED APPLICATIONS

THERMIC SP is a product designed for superficial heat treatment operations (induction or conduction heating). The cooling power is slightly adjustable according to the concentration of use. Increasing the concentration reinforces its anti-corrosion properties.

THERMIC SP is a product specially developed for protection against the corrosion of treated parts by superficial quenching.

THERMIC SP provides corrosion protection of machine parts (copper inductors, aluminum inductor supports and steel machine parts).

THERMIC SP is generally used at a concentration of 5%, which generates low-cost usage.

ADVANTAGES

- Stable product in use
- Used in different water hardness (RO water) without foaming phenomenon
- Leaves no deposit on the parts
- Economic product due to the low concentration in use
- Easy filtration of baths
- Provides short-term protection of the treated parts
- Easy cleaning of quenched parts

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	PURE PRODUCT
Color			colourless
Viscosity at 40°C	ASTM D445	mm ² /s	50.5
Density at 20°C	ASTM D4052		1.020
CHARACTERISTICS	METHOD	UNIT	DILUTED PRODUCT
pH at 5%	NF 60 193		9.7
Refractometric coefficient	M15		3.3

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

PROPERTIES

- Formaldehyde free
- Good protection against corrosion (machine parts and quenched parts)
- Very good resistance to microorganisms (bacteria and fungi)