

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.

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

NAME	UNITS	METHOD	THERMIC SP
Color	-	Visual	Colorless
Density at 20°C (68°F)	-	ISO 12185	1.02
Viscosity at 40°C (104°F)	mm ² /s	ASTM D445	50.5
Refractometer Factor	-		3.3
pH	-	D15 1666	9.4 (Diluted at 5%)

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

HEALTH & SAFETY

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

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.