

## THERMIC FGP

Heat Treatment

### DESCRIPTION

**THERMIC FGP** is a synthetic soluble oil used diluted in water for mass quenching. Free of nitrite, it allows to obtain, according to the concentration in use, of accelerated cooling rates between water and oil.

### APPLICATIONS

**THERMIC FGP**, usually used after mass heating, can be diluted between 10% and 25%, according to the grade of steels to treat. The recommended temperature of the tank is between 25°C and 45°C.

### ADVANTAGES

- Avoids risk of fire and reduces smoke emissions.
- Reduces manufacturing costs.
- Low use concentration.
- Low consumption.
- Good performance in time.
- Cleanliness of parts after quenching and corrosion protection.
- Specific formulation to reduce the risk of quenching cracks.

### TECHNICAL INFORMATION

NAME	UNITS	METHOD	THERMIC FGP
Color	-	Visual	White
Aspect	-		Clear
Density at 20°C (68°F)	-	ISO 12185	1.021
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	247.5
Refractometer Factor	-		2.9 (Reading in ° Brix at 15 % at 23°C)
Alkalinity reserve	mg KOH/g		13.3
pH	-	NFT 60.193	9.6 Diluted at 15%, at 23°C

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

## INSTRUCTIONS

Periodically check the concentration of the product in use, using a refractometer and comply with the attached curve. It is recommended to store the products in temperate conditions in sealed containers.

## 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.