



High performance formulated fluids and lubricants for the heat treating world.

OIL QUENCHANTS

ALPHAQUENCH QUENCH OILS

Considered a “cold oil” with bath temperatures under 250°F.

◊ ALPHAQUENCH 03A-D

Offers our fastest cooling rate using a stable accelerator to break down vapor phase quickly. It is used in all applications where the highest cooling rates must be applied in order to achieve maximum hardness and minimum distortion.

◊ ALPHAQUENCH 5300

Our largest selling fast quench oil. It is formulated with the highest quality base oils and anti-oxidants. The slow, uniform cooling through the martensitic range provides higher and deeper hardness without distortion and breakage.

◊ ALPHAQUENCH 521

A medium fast premium oil for maximum hardness and minimum distortion. The high flash point and low smoke formation reduce health and safety concerns.

◊ ALPHAQUENCH HIGH SPEED VACUUM OIL-D

Used in vacuum furnace applications where high cooling rates must be applied in order to provide maximum transformation to the martensitic form.

◊ ALPHAQUENCH 1230

Our slowest cooling rate oil designed for use in integral quench furnaces. It provides low drag out on parts and minimum evaporation loss.

MARQUENCH QUENCH OILS

Considered a “hot oil” with bath temperatures between 250° and 350°F.

The Marquench line of products are able to attain high hardness comparable to parts quenched in low viscosity fast oils at conventional temperatures. These oils provide excellent resistance to chemical degradation, sludge formation and evaporation loss.

◊ MARQUENCH 220D

Our slowest cooling rate and highest viscosity oil and is used where minimum distortion of small parts is critical.

◊ MARQUENCH 355 and 775

Our slowest cooling rate and highest viscosity oil and is used where minimum distortion of small parts is critical.

