

Aqueous Quenchants

- **Aqua-Quench 140** is specifically designed for induction hardening applications to minimize residual sticky deposits on equipment and quenched parts.
- **Aqua-Quench 145** is an advanced bio-stable polymer quenchant designed for induction hardening and immersion quenching applications, and represents another breakthrough in technology from Houghton International.
- **Aqua-Quench 245** is an advanced bio-stable polymer quenchant designed for induction hardening and immersion quenching applications, and represents another breakthrough in technology from Houghton International.
- **Aqua-Quench 251** is an oil free, non-flammable, water soluble synthetic quenchant for the hardening of ferrous alloys and solution treatment of aluminum alloys.
- **Aqua-Quench 3699** is a water soluble quenchant with oil-like quenching characteristics. Aqua-Quench 3699 is an advanced polymer quenchant designed for both low and high hardenability steel applications. Its quenching characteristics can be varied between those of water and normal speed cold quenching oil by varying the concentration of the solution.

Americas

USA | Canada | Mexico
Brazil | Argentina

Europe

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Spain | Benelux | Denmark
Finland | Greece | Ireland | Norway
Poland | Romania | Sweden

Asia Pacific

Japan | China | Thailand | Australia
Hong Kong | Singapore | Taiwan
Malaysia | Korea | India

Africa

South Africa



Corporate Headquarters

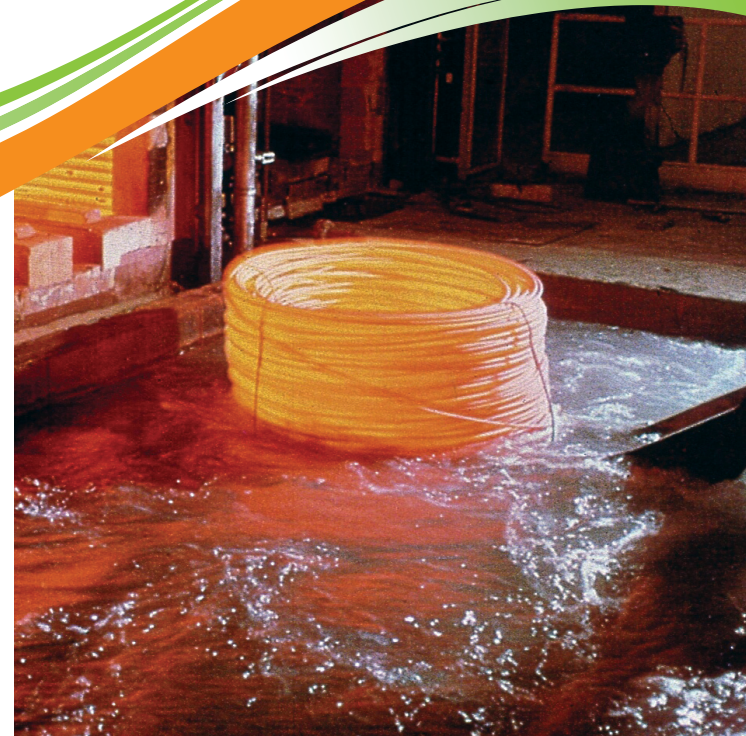
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HOUGHTON™

Products for the Heat Treatment Industry



Cold Quenching Oils

Houghto-Quench K is an accelerated quenching oil suitable for use at temperatures up to 180°F (82°C). It is based upon specialty solvent refined base oil to minimize oxidation and ensure consistent performance under the most arduous of operating conditions. A carefully formulated additive package is incorporated into Houghto-Quench K to reduce the duration of the vapor blanket cooling stage and provide accelerated quenching characteristics, together with excellent oxidation resistance and thermal stability.

Houghto-Quench G is a medium speed quenching oil suitable for use at temperatures up to 180°F (82°C). It is based upon specialty solvent refined base oil to minimize oxidation and ensure consistent performance under the most arduous of operating conditions. A carefully formulated additive package is incorporated into Houghto-Quench G to reduce the duration of the vapor blanket cooling stage and provide moderately accelerated quenching characteristics, together with excellent oxidation resistance and thermal stability.



Cold Quenching Oils

Houghto-Quench 3440 is a fast quenching oil of low viscosity. It is based on paraffinic mineral oils and contains additives which assure bright surfaces of the quenched work and good aging stability of the oil.

Houghto-Quench 3430 is a moderately fast quenching oil of low viscosity. It is based on paraffinic mineral oils and contains additives which assure bright surfaces of the quenched work and good aging stability of the oil.

Dasco Quench LPA 15 has been developed to meet the most stringent North American and European standards, especially those for assuring clean and bright parts after heat treatment. It is a super-fast quenching oil based on selected highly refined virgin paraffinic base stocks enhanced by a unique additive package. This combination of highly effective oxidation and thermal decomposition inhibitors eliminates sludging and staining, and significantly prolongs useful service life of this outstanding quenching oil.

Dasco Quench LBA 15 is a high speed quenching oil designed to provide the highest hardness of steel with minimum distortion. This dark colored, low viscosity oil is made of specially selected virgin paraffinic base stocks fortified with accelerating additives designed to meet the toughest industrial requirements.

Hot Quenching Oils

Mar-Temp 355 is a high performance accelerated hot quenching oil suitable for use at temperatures of up to 375°F (190°C). It is based upon solvent-refined mineral oils and contains a specialty formulated additive package which provides accelerated quenching characteristics and excellent oxidation resistance and thermal stability. Mar-Temp 355 has a high flash point and will provide long life under arduous operation conditions.

Dasco Quench MPA 60 is a medium viscosity, dark colored, dual-purpose quenching oil based on selected virgin paraffinic base stocks enhanced with unique additive package, to assure desired hardness along with unsurpassed cleanliness of quenched parts after heat treatment. Dasco Quench MPA 60 is designed for both fast quenching and marquenching applications. Dasco Quench MPA 60 provides unusually fast quenching speed at elevated temperatures. Therefore, parts quenched in this oil attain the same hardness as comparable parts quenched in low viscosity fast quench oils at conventional temperatures.