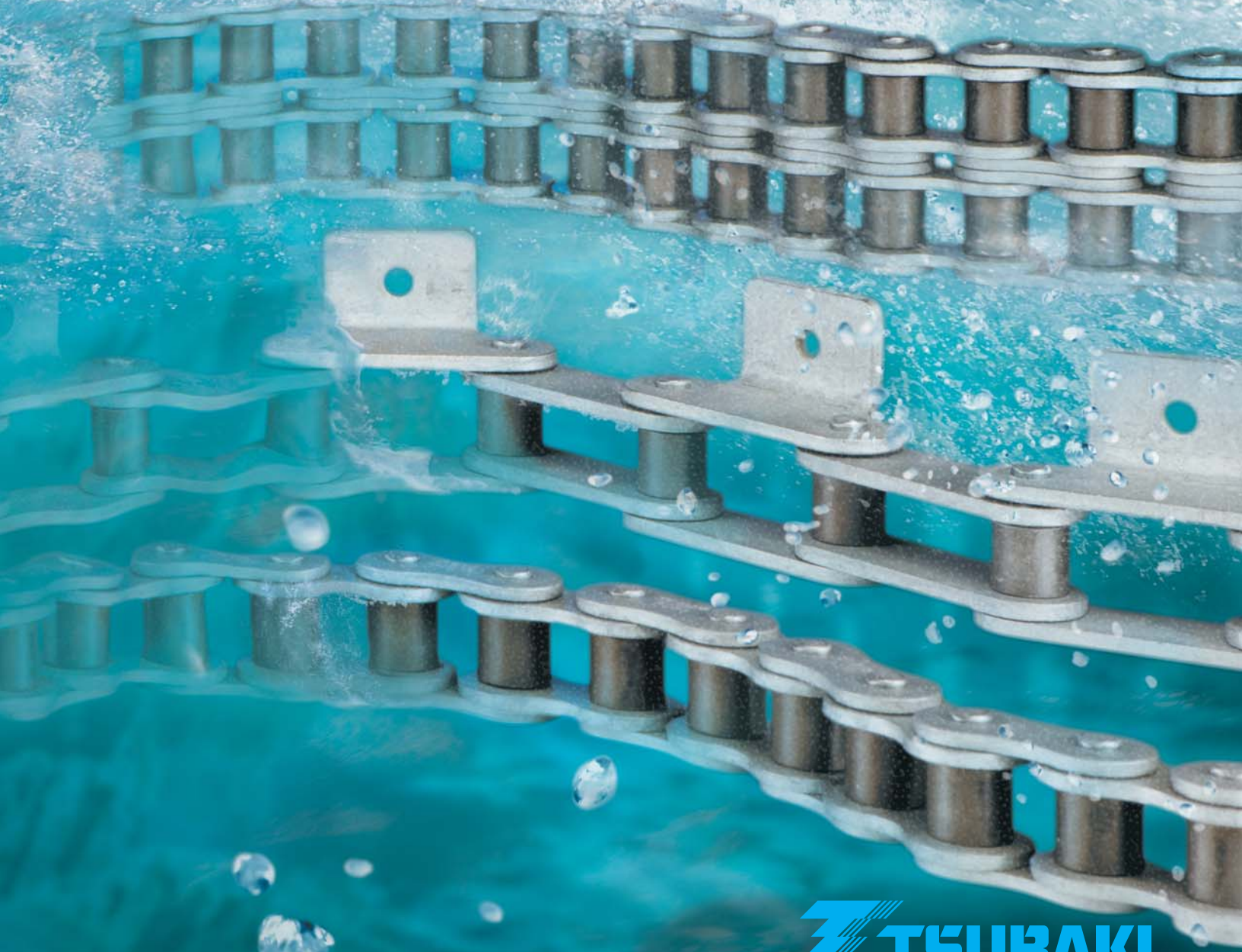




Neptune[®] Chain

Your Best Defense Against Corrosion

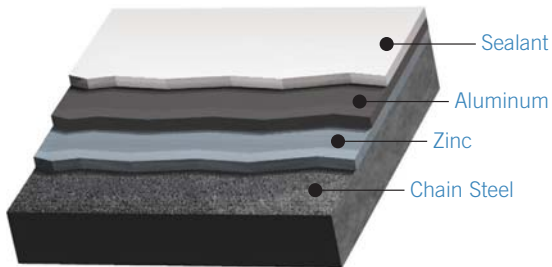


 **TSUBAKI**

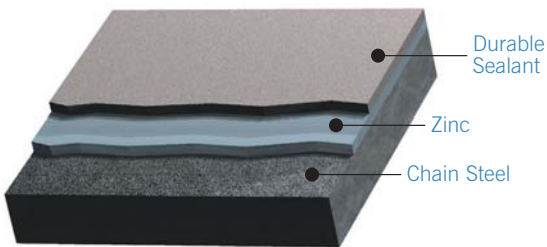
www.ustsubaki.com

Neptune® Chain from U.S. Tsubaki

Your Best Defense Against Corrosion



Three Layers: Standard pins, bushings and plates



Two Layers: Rollers and extended pins



Saltwater spray test results: After more than 700 hours of saltwater spray testing, Neptune chain showed no occurrence of red rust oxide.

Neptune Chain integrates the latest advancements from Tsubaki's research and development to increase corrosion protection for roller chain. With Neptune chain, the full strength of our hardened carbon steel ANSI series chain resists corrosive environments longer than ever before. In addition, Neptune chain is RoHS compliant and meets or exceeds many strict requirements throughout the world.

Neptune is the front line defense against the enemy of rust. A unique multi-layer surface treatment resists the elements that attack your productivity. Rollers and extended pins have our specifically developed two layer process, including zinc and a hard durable sealant to resist high pressure forces, including the heavy demands when engaging a sprocket. Three layers of zinc, aluminum, and sealant are applied to the plates, standard pins, and bushings for maximum corrosion protection.

Neptune coatings are applied to the entire surface of each component – inside and out – before chain assembly to ensure uniform coverage on every part. When assembled, everything is protected – even where the components are pressed together.

Put to the Test, Neptune performs

The anti-rust performance of Neptune chain provides up to three times longer life than traditional plain zinc coatings and up to 15 times longer than nickel plated chain. In applications exposed to water, seawater, or outdoor conditions – even acid rain – Neptune chain keeps your lines moving.

Tsubaki uses an innovative low-temperature coating and curing process that preserves component hardness and strength. Neptune chain includes hardened carbon steel components, providing the same high average tensile strength and maximum allowable load as our ANSI Standard Chain.



From top to bottom: Neptune® Conveyor Chain (Double Pitch), Neptune® Conveyor Chain (Single Pitch), Neptune® Roller Chain

Environmentally Friendly

Tsubaki's Neptune is one of the first chains in America to adopt the requirements of RoHS (Restriction of certain Hazardous Substances), which is one of the most stringent international regulations restricting hazardous chemicals from industrial products. While RoHS was initially enacted in Europe to eliminate hazardous materials primarily in electronic equipment, demand for compliance is reaching worldwide. Have peace of mind that your application is in compliance with Neptune chain.

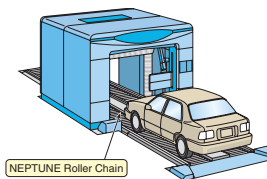
Hexavalent Chromium Free

With Neptune, you are safe from Hexavalent Chromium, which some chain manufacturers may use to protect their chains from corrosion. Although chromium is a naturally occurring element, hexavalent chromium can cause serious health problems such as irritation to the skin, lungs, and gastrointestinal tract. It can damage air passages and even cause cancer. If you are not using Neptune chain from Tsubaki, your current chain may be causing unnecessary exposure to hazardous materials.

Make the right choice. Protect your operation now — and in the future — with NEPTUNE.

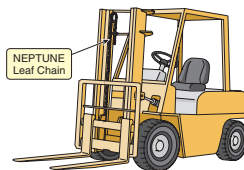
Detergents

NEPTUNE Roller Chain for car washers



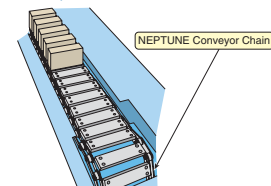
Salt

NEPTUNE Leaf Chain on forklifts used at ports and pickling factories



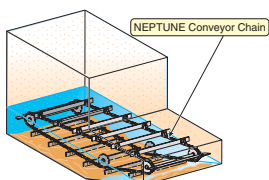
Seawater

NEPTUNE Conveyor Chain for conveying ice onto ships



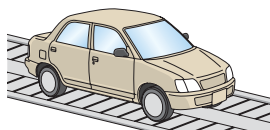
Mud and Dirt

NEPTUNE Conveyor Chain for raking mud in cleaning tanks



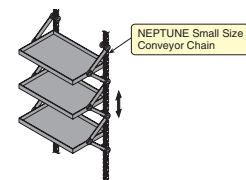
Water Spray

NEPTUNE Conveyor Chain for automobile shower testing lines



Washdowns

NEPTUNE Small Size Conveyor Chain for transporting bakery goods



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