



INTERNATIONAL WATER TREATMENT SPECIALISTS

Tandex 582 Acidic Descaling Compound

Tandex 582 is a strongly acidic liquid product designed for effective removal of mineral scale and corrosion products from heating and cooling equipment such as boilers and heat exchangers. TANDEX 582 contains specialty corrosion inhibitors to limit the acid effect on the base metals.

TANDEX 582 has particular application as an effective scale remover for steam boilers that have accumulated layers of calcium and magnesium mineral scale on tubes and heating surfaces.

TANDEX 582 is also very effective in the removal of corrosion products such as iron oxide in water circulation systems.

METHOD OF USES

Boiler descaling – TANDEX 582 is normally used at a concentration of 10 to 15% of the total volume of the boiler. The TANDEX 582 is added cold to the water in the boiler at a temperature of approximately 50-60°C after the fire has been turned off. The TANDEX 582 solution is then circulated in the boiler until the chemical reaction ceases as determined by regular testing. The boiler water is then neutralised with a product such as TANDEX BWT 400 and then drained and flushed clean.

Water circulation systems - as these systems usually contain dissimilar or reactive metals, extra care should be taken with regard to circulation times and concentrations of TANDEX 582 that are used. For these types of systems, water temperatures used are also usually lower at approximately 35-40°C. The suggested use strength of TANDEX 582 is 5% of the system volume. The same control and neutralisation procedures as for boiler descaling are used in these types of operations.

HANDLING

TANDEX 582 is an aggressive cleaning chemical and full protective equipment should be worn when handling. This would include PVC gloves, goggles and overalls as well as rubber boots. Any skin splashes that occur should be immediately flushed with large amounts of water. Ensure user is familiar with product MSDS prior to using this product.

PACKAGING

TANDEX 582 is packed in 15 litre and 205 litre plastic or plastic lined drums.

