

TRIOCOOL-D

COOLING WATER TREATMENT – CORROSION INHIBITOR

TRIOCOOL-D; It is used in closed circuit cooling systems and in liquid form without chromate and is an inhibitor of corrosion.

PRODUCT FEATURES AND BENEFITS

- It has the property of buffering the pH value of the cooling water.
- It is easily used with ethylene glycol-based antifreezes.
- In systems containing different types of metals, it prevents electrolytic corrosion by creating an oxide layer on metal surfaces.
- It is a very effective protector for all iron and non-ferrous metals.
- It is very effective against cavitation and erosion.
- The dosage to the expansion tank is appropriate and system water circulation should be provided after dosing.

DOSAGE AMOUNT AND INTENDED USE

If no water conditioning program has been applied to the system water, the initial dosage of TRIOCOOL-DP ranges from 8 to 10 kg depending on the feed water quality per tonne of water. TRIOCOOL-D must be kept in the system water at all times and must be checked by nitrite test in the water. A range of 1000-2400 ppm nitrite in coolant is ideal. System water pH value is in the range of 8.3-10.0, chloride amount max. 50 ppm or the value recommended by the machine manufacturer, and the total amount of hardness is max. It should be 180 ppm.

Nitrite ppm NO ₂	TRIOCOOL DOSAGE PER TONNE OF WATER IN THE PRESENCE OF <50PPM CHLORIDE	TRIOCOOL DOSAGE PER TONNE OF WATER IN THE PRESENCE OF <50PPM CHLORIDE
0	8.0	10.0
400	6.6	8.6
800	5.2	7.0
1200	3.9	5.5
1600	2.5	4.1
2000	1.2	2.7
2400	0	0.8

NOTE: Please review the MSDS reports before use for safety, occupational health and safety.

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