

ORG

(AN ORGANIC DESCALANT)



COMPATABLE WITH ALL TYPES OF MACHINERY

Introduction: In industrial environment water plays a major role in running of any industry. The use of water in boilers/ cooling-towers/ heat exchangers is a general practice. Due to the regular consumption of water the metal surface of the boilers, condensers, heat exchangers and metal pipelines get adhered with the carbonate scales of calcium and magnesium from water.

The source of water in the industries varies from various places which are rich with heavy minerals which are not volatile and they are baked on the hitting surfaces of the machinery parts coming in contact with the water. Resulting in reduced efficiency percentage of the machinery.

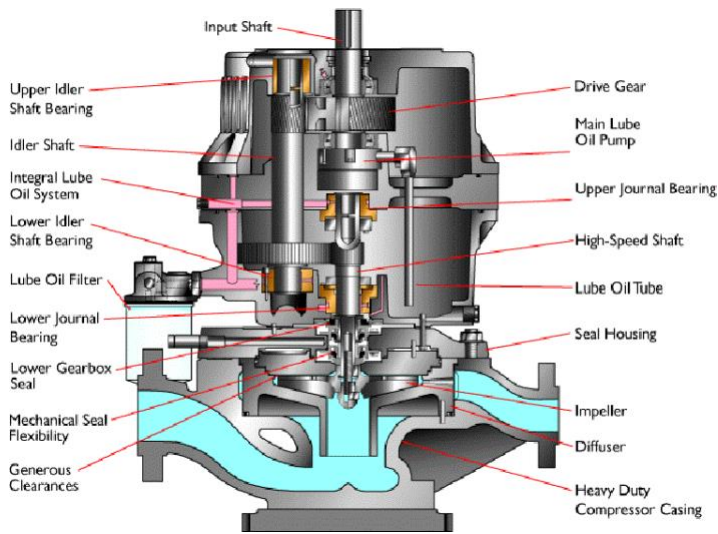
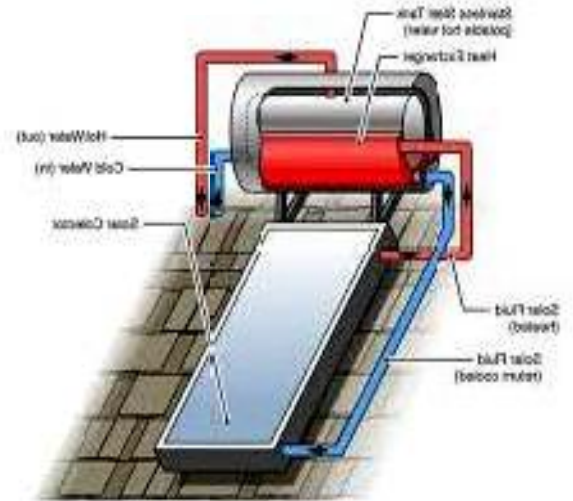
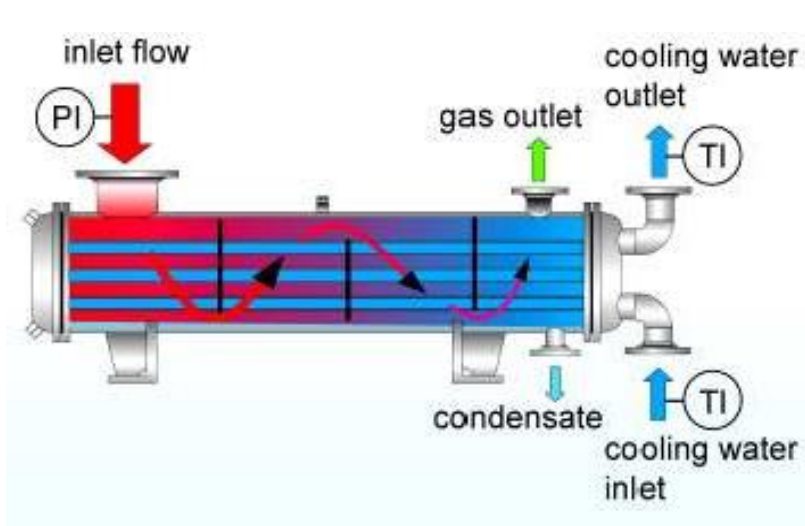
Hence periodic cleaning of such backed scale becomes essential to maintain the efficiency as well as preventing the machineries from corrosion and other hazards, which is statutory requirement of Boilers inspector as well as Industrial Health and Safety Department too. Also a regular need to clean the scales is recommended to attain the fuel economy, power economy and well production in time.

There are various descalents available in the market, whose descaling reactions are dangerous to the machinery part as they are unable to stop metal erosion. Being in ORG Organic in nature they have corrosive property.

About ORG De-Scalent: it is an (ORG) Organic product extracted from various plants and roots and cultured under specific condition to meet the requirement of descaling the carbonate scales from the boilers/cooling towers and heat exchangers. The action of ORG Organic descalent is same as of any concentrated acid. But the difference is it does not affect to any metal being (ORG) Organic in nature. It has a very powerful ionization effect on the carbonate scales and requires a time of 10-50 hours for the complete descaling of any system.

Benefits:

- It does not react with any metal and its effect is confined to the reaction with Carbonates and Oxides only.
- It is non-hazardous to any human, animal or any aquatic plant/animal.
- It can be handled with naked hands without hand gloves.
- It is non-corrosive to any metal and hence the product can be in circulation for a longer period of time.
- It can be used as supplement to H₂SO₄ or any other in (ORG) Organic acid to control the pH of water.
- It can be stored at normal pressure and temperature without the risk of any hazards.
- It does not release any fumes (which general acid or other de-Scalent releases) and hence is an environmental friendly product.



THIS CHEMICAL IS EXCLUSIVE FOR INDUSTRIAL USE ONLY.