

# Ru DSA-6

## DE-SCALING AGENT

### THE PROBLEM

Scales are a major problem for various equipments, sub assemblies etc. Scales are formed in portions which are in continuous contact with water. They reduce the functioning of the equipments as they are bad conductors. Increases fuel consumption and may also damage the equipment.

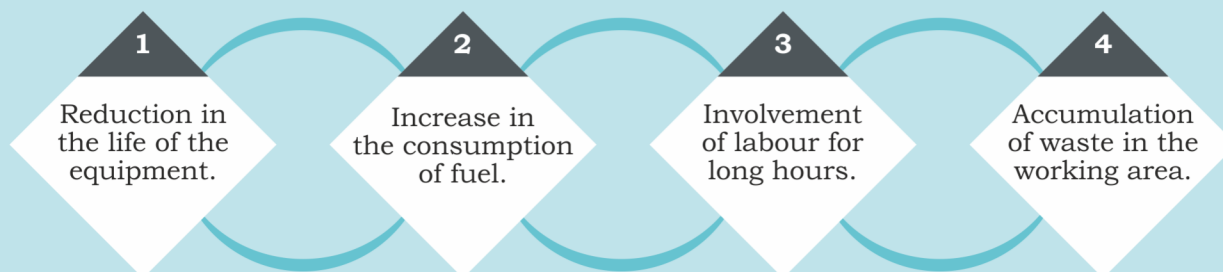
At present, these scales are removed manually. This method is uneconomical because it not only involves considerable amount of time and manpower. But also reduce the life of the equipment. Formation of scales results in extra wear and tear of the equipment.

### EQUIPMENT AFFECTED BY SCALE FORMATION

Compressors, Oil Coolers, Chillers, Blowers, Condensers, Water Tanks, Radiators, Heat Exchangers etc. are some of the main equipments where the scales are formed.

For example to remove the scales from the radiator the same has to be demounted. The inner surface is scrubbed manually to remove the scales. In addition, HCL is added to loosen the grip of the scales which loosens it up to a certain extent only. It not only erodes the metal surface of the radiator but also leaves some portion of the scales unattended which may also reduce the life of the radiator.

Scales are also formed in the water jacket attached to the radiator. Approximately 20% of the scales are in the radiator and 80% are in the water jacket. At present, to clean the water jacket engine has to be demounted so that water jacket can be opened and cleaned manually. However, scales are not removed completely even after the engine is demounted which means:



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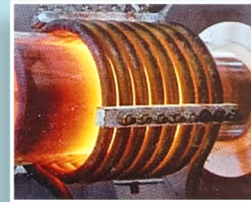
## SOLUTION PROVIDED BY US:

We at Natural Ruchem India ([www.naturalruchemindia.com](http://www.naturalruchemindia.com)) have successfully developed an Eco-Friendly, Bio-Degradable & Water Based Solution under the Brand name **Ru DSA-6**. It does not react with any metal, rubber, PVC, etc. Our solution can be used without detaching the affected part from the machine. For example:

- Empty the radiator.
- Fill the radiator with Ru DSA-6 and leave it for 6 – 8 hours.
- Start the engine for 10 – 20 minutes, Ru DSA-6 is circulated which dissolves the scales.
- Flush with clean water, gives a scales free radiator.

## RESULT:

- Radiator and Water Jacket is free from scales.
- Helps in enhancing the life of the equipment.
- Saves working man hours.



## BENEFITS:

- Easy to use. There is no need to demount the radiator or detach the affected part.
- Enhances life of engine equipment and machines by up to 50%.
- Reduces man hours by up to 80%. In fact, almost negligible amount of man hours are required while using Ru DSA-6.
- Improves fuel efficiency.
- Totally harmless to human beings, plants and the environment.
- Removes scales completely.
- It is nonflammable, non corrosive.
- Saves working time.

Marketed By



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