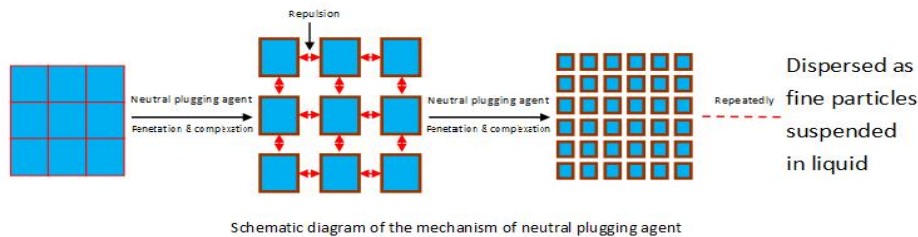


Neutral Scale Dissolver

Anton's neutral Scale Dissolver is used to remove the scale deposit, which is produced in wellbore, pipeline or container due to the change of temperature, pressure and composition in the production or operation procedure of oil and gas oilfield. Compared with normal plugging removal technology, it has advantages of low corrosion rate, little damage to facilities or equipment, high efficiency of dissolving scale. It can better remove insoluble scales and sediments such as barium strontium, polymer, gum, asphaltenes. It also doesn't produce toxic and harmful gases such as H₂S, and it's safe and environmental protection.



1. Technical features:

- (1) PH: 6.0 ~ 6.5, low corrosion rate, corrosion rate for carbon steel < 0.05g/(m²·h)
- (2) Dissolution rate of barium strontium scale > 90%, doesn't produce toxic and harmful gases such as H₂S
- (3) Non toxic, odorless, non combustible and non explosive, simple and convenient for storage, transportation and handle with
- (4) The residual liquid of scale and plug removal operation has little pollution and environmental protection

2. Application scope

- (1) Scale dissolution and plug removal for gathering and transmission pipeline
- (2) Scale dissolution and plug removal for production equipment and facilities
- (3) Scale dissolution and plug removal for wellbore
- (4) Plug removal for nearby wellbore district

3. Service capacities

Capacity of plugging agent formula research, production and international services, annual service capacity of 300 wells.

4. Service experience

More than 800 wells for onshore and offshore oil and gas fields such as CNPC, CNOOC and the Middle East.

