BORE REJUVENATOR

Iron Oxide Cleaning Agent for Water Bores

DESCRIPTION

BORE REJUVENATOR is a powerful cleaning agent which has been developed to easily remove Iron Oxide residue which can develop on the inside of water wells, submersible pumps, production zone screens, head-works surface pipework and surface sprinkler systems.

APPLICATIONS

BORE REJUVENATOR removes Iron Oxide build up inside both potable and stock water wells. Iron Oxide build-up can cause major losses in well production and costly maintenance repairs. BORE REJUVENATOR is a safe, easy to apply biodegradable product specifically designed to break down the Iron Oxide build up that causes the rusty slime, unpleasant odours, orange-brown staining and other deposits and reduces the strain that blockages can put on pumps.

ADVANTAGES

- Safe and Easy to use
- Product does not enter the water stream
- Treatment solution is purged from the well
- Eliminates Iron Oxide build-up which causes rusty slime, staining and odours
- Reduces strain on down hole pumps
- Improves well production
- Reduces maintenance costs

TYPICAL PROPERTIES

Physical Appearance	pH
Pale Blue, Moist Crystalline Granules	1.5 @ 10 g/L

USAGE

The amount of Bore Rejuvenator depends on how much water is in the well, the screen length and the severity of the problem. The recommended light maintenance concentration is 2% of the standing column of water.

- Severe contamination may require up to 4% concentration.
- Please refer to usage guide for more detailed instructions.

The information contained herein supersedes all previous versions, and is believed to be accurate and reliable. For the most up to date information, visit www.mudex.com.au - Mudex accepts no responsibility for the results obtained through the applications of this information and reserves the right to update information without notice.

CONCENTRATION REQUIRED

BORE REJUVENATOR concentration depends on how much water is in the well, the screen length and the severity of the problem. The recommended light maintenance concentration is 2% of the standing column of water. With a severe problem you may need to double the concentration.

CASING GUIDE

Casing I.D Internal Diameter	Maintenance 2 %		Severe 4.16 %	
	lb/ft	kg/m	lb/ft	kg/m
4”	0.12	0.13	0.3	0.31
6”	0.28	0.29	0.7	0.72
8”	0.44	0.51	1.1	1.28
10”	1.00	1.02	2.0	2.11

For example, a 10” open hole with 90mts of water would require 91.8kg of product. Severe fouling is classed as over 75% constriction.

APPLICATION METHOD

The only work required will be to introduce the product into the well and enable surging Cable Tool Baling, Air Lifting or Recycling.

1. Pump must be offline and isolated at head works from discharge pipeline.
2. Visual severe contamination of outlets pipes may indicate the need to remove the submersible pump and any associated down the bore components to allow for deep soaking in BORE REJUVENTOR during steps 3 – 11. (Soak in approximately ½ - 1 kg BORE REJUVENATOR per litre of soaking water).
3. Add the recommended amount of BORE REJUVENATOR. The product may be added dry or mixed with water first.
4. Recycle and recirculate the bore pump for at least 6 to 8 hours. If submersible pump was removed, then an alternative means to circulate the bore should be used or wait for pump to be ready for reinstallation into bore.
5. Add 100lts of clean water to the well.
6. Turn off the circulating pump for 12 – 24 hours.
7. Purge the water until it runs cleanly with either Air Lifting, Cable Tool or Submersible Pump
8. During the purging it is useful to direct some clean water into the bore casing to flush any residual product from the top of the bore.
9. You may also add 5 – 10 litres of liquid bleach to the bore, circulate and continue to purge.
10. Test water as required
11. Relocate Reconnect headworks and resume normal operation

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