Amamix – Submersible mixer

Applications:
- Mixing tanks
- Sludge storage tanks
- Balancing tanks
- Sewage tanks
- Storm water stand-by tanks
- Digester
- Thickeners
- Ice prevention
- Nitrification tanks
- De-nitrification tanks
- Phosphate removal tanks
- Flocculation tanks
- For flow acceleration
- Pump sumps
- Biogas – main digester
- Biogas – post-digester
- Biogas – fermentation residue storage
- Biogas – mixing tanks

More information:
https://www.ksb.com/ksb-us/Products_and_Markets
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1. Environmentally friendly
   The oil chamber is filled with ecologically acceptable white oil.

2. Powerful yet economical
   Propeller generates maximum thrust at minimum power consumption.

3. Self-cleaning
   ECB propeller (Ever Clean Blade)

4. Highly reliable
   3-fold dynamic sealing system consisting of two (SiC/SiC) mechanical seals and a lip seal.

5. Perfectly protected
   Epoxy sealed cable entry to prevent water ingress into the motor. The plug-type connection enables straightforward replacement without special tools.

6. Everything under control
   The motor is monitored by three temperature sensors and the moisture sensor.

7. 16,000 operating hours without oil change*
   *Oil change necessary every two years.

Technical data

- Max. fluid temperature: max. 104 °F, optional: 140 °F
- Speed: 475 to 1,400 1/min
- Power: 1.7 to 15 hp
- Nom. propeller diameter: 9 to 25 in.
- Max. installation depth: max. 98 ft.

Explosion-proof to NEC 500, Class 1, Division 1, Groups C and D, T3 Hazardous (classified) locations.
Optionally available with jet ring and frequency inverter.