Amamix – Submersible Mixers

Applications:
- Mixing tanks
- Sludge storage tanks
- Balancing tanks
- Sewage tanks
- Stormwater stand-by tanks
- Digesters
- Thickeners
- Ice prevention
- Nitrification tanks
- Denitrification tanks
- Phosphate removal tanks
- Flocculation tanks
- For flow acceleration
- Pump sumps
- Biogas – main digesters
- Biogas – post-digesters
- Biogas – fermentation residue storage
- Biogas – mixing tanks

More information:
www.ksb.com/ksb-us/products_and_Services
Amamix – Submersible Mixers

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

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

5 Completely protected
   An absolutely water-tight, resin-embedded cable entry protects the motor against moisture. The plug-type connection enables straightforward replacement without special tools.

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

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

---

### Technical data

- Max. Speed: 1750 rpm
- Power: 1.7 to 15 hp
- Nom. propeller diameter: 8” - 24”
- Max. installation depth: 130 ft
- Max. temperature: 104 °F

### Materials

- Standard design in cast iron
- Optional design in corrosion and wear resistant stainless steel