



Technical Data Sheet

Longlife AF Grease

Anti-Freeze Grease (Patent Pending)

Description:

Longlife AF is a hybrid anti-freeze grease designed to provide lubrication, rust protection and prevent freezing in gear operators on all types of valves. Longlife AF will prevent freezing of condensation and water which can accumulate in gear operators and freeze during winter months. When moisture comes in contact with this grease, the grease releases an anti-freeze into the water which prevents ice formation and damage to the internal components and drive gears. This grease is biodegradable, renewable and sustainable.

Applications:

For use in gear operated actuators.

Freeze Protection Examples:

Example 1 - 1 lbs. of Longlife AF will lower the freeze point of 5 ounces of water to -29°F.

Example 2 - 1 lbs. of Longlife AF will lower the freeze point of 24 ounces of water to -8°F.

Features:

- 100% synthetic
- Biodegradable
- Renewable
- Water resistant
- Fully additive treated
- High metal adhesion
- Excellent corrosion resistance
- Non-flammable

Physical Properties:

- Color..... Light yellow
- Temperature Range.....-70 to 280°F
- Consistency, Cone Penetration (D-217) 290 to 320
- Drop Point, °C..... None
- Thickener Inorganic
- Rust Preventive Test (D-1743) Pass
- Timken OK Load. Lb. (calc) 52

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