



TKS Fluid 406B Aircraft Deicer

Product Overview:

AccuChem TKS Fluid is formulated specifically for aircraft equipped with TKS “weeping wing” ice protection systems, which use porous titanium panels along leading edges to distribute anti-icing fluid in a controlled, continuous flow. The system prevents ice adhesion during flight and can also remove light ice accumulation.

Aircraft & System Compatibility:

- Widely used on piston and turboprop general aviation aircraft equipped with TKS systems, including models by Cirrus, Beechcraft, Piper, Cessna, Daher (TBM), Diamond, and Mooney.
- Compatible with factory-installed and retrofit systems supplied by CAV Ice Protection Ltd., the original manufacturer of certified TKS systems.
- Suitable for aircraft with electro-mechanical TKS pumps or gravity-fed wing panel systems, including both single-engine and twin-engine configurations.

Note: TKS systems work by exuding the fluid through microscopic holes along the wing and tail leading edges, forming a thin film that prevents ice bonding. The system also supplies fluid to propellers, windshields, and tail surfaces through dedicated spray bars.

- - Prevents ice formation on protected surfaces during flight
- - Maintains consistent flow through TKS panel micro-orifices
- - Non-corrosive to aluminum, steel, and titanium
- - Contains proprietary additives for long-term system protection

Handling & Storage

- Store in tightly closed containers away from heat and open flame
- Shelf life: 24 months in sealed containers
- Compatible with stainless steel, HDPE, and fluoropolymer materials

Regulatory & Safety

- Meets or exceeds SAE AMS1428 Type I specifications
- Non-hazardous for ground transport (49 CFR §173.150(f)(2))
- Always refer to the Safety Data Sheet (SDS) before handling

Packaging: Available in 2.5 gallon, 5-gallon, 30-gallon, 55-gallon, and 275-gallon containers

This document is intended as a minimum starting point for using this product. Refer to site specifications, regulatory standards, and industry standards to develop site work practices and worker protection guidelines

