

(TY-2422-003-26759308-2005)

Description: liquid solution of diethylene glycol and anti-corrosion agent additive moistening the surfaces processed with fluid

Application: Used for removing ice from the aircraft surfaces and for preventing the short time icing in the ground conditions.

MAIN QUALITY SPECIFICATIONS				
	Normative Values	Testing Method	Normative Values*	Testing Method*
Appearance	Transparent liquid, from colorless to mild-yellow	§ 5.1. of TU	Transparent liquid, from colorless to mild-yellow	§ 5.1. of TU
Mechanical Impurities	-	§ 5.2. of TU	-	§ 5.2. of TU
pH Factor	9.5±0.5	GOST 22567.5	9.5±0.5	ASTM E 70
Density at 20 °C, g/cm³	1.094-1.102	GOST 18995.1	1.094-1.102	ASTM D 891
Surface Tension, mH/m, max.	40	§ 5.4. of TU	40	§ 5.4. of TU
Crystallization Temperature, °C, max.	- 50°C	GOST 18955.5	- 30°C (Pour Point)	ASTM D 1177
Anticorrosion Additives Mass Content, %	0.5-0.6	§ 5.7. of TU	0.5-0.6	§ 5.7. of TU
Deflection Factor at 20 °C	1.4090-1.4160	GOST 18955.2	1.4090-1.4160	ASTM D 1747
Kinematics Viscosity at 20 °C, mm²/sec., min.	9.0	GOST 33 & § 5.9. of TU or ASTM D 445	9.0	GOST 33 & § 5.9. of TU or ASTM D 445
Aerodynamic Applicability	Meet requirements of AS 5900, AMS 1424 Standards as Type I Fluid	AS 5900, AMS 1424	Meet requirements of AS 5900, AMS 1424 Standards as Type I Fluid	AS 5900, AMS 1424
Icing Resistance Time	Meet requirements of AMS 1424 Standard as Type I Fluid	AMS 1424	Meet requirements of AMS 1424 Standard as Type I Fluid	AMS 1424

Note:

1. Tests for Aerodynamic Applicability and Icing Resistance Time Control are performed by the certified laboratories
2. * - tests are carried-out within the laboratories outside of Russian Federation.

Packaging: The product is packed in dry and clean steel drums (200-216.5 dm³) in accordance with GOSTs 1395 & 26319, plastic containers (1 m³) and railway-cars in accordance with TU 24.00.503-82 or Buyer's containers, checked and cleaned before the filling in required manner.

Tanks are to be sealed according to the GOST 18677 and filled max. on 95 of its max. capacity.

Marking: Each container is to be labeled as follows:

- Manufacturer name;
- Fluid name;
- Lot number
- Net and gross weights;
- Production date
- TU applied
- Hazardous Class – 9 (Subclass – 9.1) – Low Hazardous Liquid