



DEICING/ANTI-ICING FLUID for AIRCRAFT

SAE AMS 1428 Type II – NATO CODE S-1719 – DCSEA 624/A

DESCRIPTION

NYCO 1719 is a thickened mono-propylene glycol based fluid with surfactants and corrosion inhibitor.

NYCO 1719 is fully biodegradable and triazole free.

APPLICATIONS

- Removing frost and ice from the surface of landed / parked civil and military aircrafts
- Preventing formation of frost and ice on the airframe surfaces



Characteristic	Unit	Typical values	Test method
- Appearance	-	Limpid yellow fluid	Visual examination
- Density @ 20°C	kg/dm ³	1.03	ASTM D 891
- Brookfield LVT viscosity at 20°C			
Spindle No1, 0.30 rpm	mPas	6800	AIR 9968
Spindle No2, 6 rpm		1080	
Spindle No2, 30 rpm		480	
- Flash point (PMCC)	°C	> 100	ASTM D 93
- Freezing point (50/50)	°C	- 11	ASTM D 1177
- pH value at 20°C	-	7.0	ASTM E 70
- Refractive index at 20°C	-	1.39	ASTM D 1747
- Surface tension	Dynes/cm	36	ASTM D 1331
- Lowest Operational Use Temperature (LOUT) ; for 75/25 dilution	°C	-14	AMIL
- Water spray endurance test	min	45	SAE AMS 1428
- High humidity endurance test	min	>300	SAE AMS 1428

The values above are typical values. They do not constitute any contractual commitment. Sales specifications are available on request. The present technical data sheet replaces all the previous editions.



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