

FUEL ICING INHIBITOR, HIGH FLASH POINT

S-1745 – DCSEA 745/A – MIL-DTL-85470 B

Description

Nycosol 13 is made of diethylene glycol methyl ether (DIEGME), also called methyl carbitol.

Application

Nycosol 13 is intended to be added to jet fuel to prevent the formation of ice crystals at low temperature that may cause interfere with the operation of the aircraft fuel system (filters, pumps & valves).

It has a high flash point and has superseded ethylene glycol methyl ether (EGME) as fuel icing inhibitor.



Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	conform	clear limpid liquid	visual examination
- Specific gravity at 20°C	-	1.022	1.020 to 1.025	ASTM D4052
- Colour ALPHA	-	5	max. 15	ASTM D1209
- Water content	%m	0.03	max. 0.10	MO-10-001A
- Acid number, as acetic acid equivalent to 0.01%m	-	0.01	max. 0.09	ASTM D1613
- Ethylene Glycol	%m	0.0	max. 0.5	ASTM D4171
- Flash Point	°C ³	93	mini. 85	ASTM D93

* Specification MIL-DTL-85470

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.