



FUEL ICING INHIBITOR, HIGH FLASH POINT, WITH ANTI-CORROSION & LUBRICATING ADDITIVE

NATO CODE XS-1745 – DCSEA 745/A – DEF STAN 68-150 Iss. 2 – AL-48

DESCRIPTION

Nycosol 131 is a ready-to-use blend of diethylene glycol methyl ether (DIEGME), with 1.5% of the anti-corrosion and lubricity improver S-1747.

APPLICATION

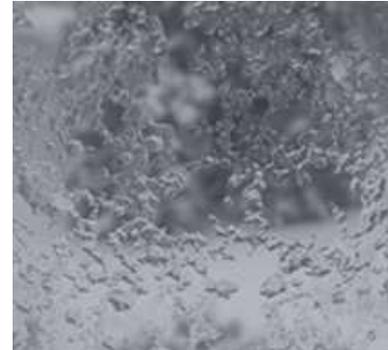
Nycosol 131 is intended to be added to jet fuel to prevent the formation of ice crystals at low temperature that may cause interfere with the operation of the aircraft fuel system (filters, pumps & valves).

It also contains the anti-corrosion and lubricity additive that is mandatory to obtain the military fuel F-34 (JP8) from the commercial fuel Jet A1 (F-35).

By using Nycosol 131, operators can prepare F-34 with only one blending operation and avoid inadequate dosing of the additive in the fuel.

Nycosol 131 is used at a treat rate of 0.1 to 0.15% in Jet A1.

Nycosol 131 meets the requirements of DEF STAN 68-150 and is DECSEA 745/A approved.



Characteristic	Unit	Typical Result	DCSEA 745/A DEFSTAN 68-150/2 Limit	Test method
- Appearance	-	conform	Clear, bright, free from visual solid matter	visual examination
- Density at 15°C	kg/dm ³	1.021	1.020 to 1.024 (DCSEA) 1.020 to 1.028 (DEF STAN)	ASTM D4052
- Total Acid Number	mgKOH/g	1.3	1.2 to 2.39 (DEF STAN) 1.04 to 2.39 (DCSEA)	ASTM D 974 ASTM D 1613
- Water content	%w	0.03	max. 0.10	ASTM D 4377
- Additive content	%w	1.5	1.1 to 1.7	LSEA-S-10

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.

