



PURGING FLUID **FLUID, PURGING, FOR PRESERVING** **FUEL TANKS OF JET AIRCRAFT**

Description

PURGING FLUID meets the requirements of Military Specification MIL-PRF-38299

Product properties

Distillation: °C (°F)	
Initial Boiling Point	218 (425) minimum
Recovered 10%	
Recovered 50%	
Recovered 90%	
End point	316 (600) maximum
Residual volume %	2.0
Loss, volume %	1.5
Specific Gravity	
Total sulfur, mass %	0.4 maximum
Mercaptan Sulfur, mass %	0.001 maximum
Existent Gum, mg/100 Ml, washed	7 maximum
Freezing Point, °C (°F)	-40 maximum
Net Heat of Combustion, MJ/kg (BTU/lb)	41,9 minimum
Viscosity, mm ² /s @ 38°C (100°F)	5.0 maximum
Aromatics, vol %	15.0 maximum
Flash Point, °C (°F)	93 (200) minimum
Copper Strip Corrosion, 2hr @ 100°C (212°F)	1b (minimum)
Particulate matter, mg/L	1.0 Maximum
Total Acid Number, mg KOH/g	0.015 maximum
Color, Saybolt	+20 minimum
Fuel electrical conductivity, pS/m, allowable range at ambient temperature or 29°C (85°F), whichever is lower	

Safety

Avoid contact with skin and eyes. For further instructions refer to Material Safety Data Sheet.

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