

KEM-SOLVE-38299
(MIL-PRF-38299E)
FLUID, PURGING, FOR PRESERVING
FUEL TANKS OF JET AIRCRAFT

Description

KEM-SOLVE-38299 is a fluid for use in purging and preserving fuel tanks of jet aircraft before hangaring and conducting maintenance operations. The fluid allows the military to safely perform aircraft maintenance quickly under austere operating conditions.

Meets the requirements of Military Specification MIL-PRF-38299E

Product properties

Distillation: °C (°F)	
Initial Boiling Point	218 (425) minimum
End point	316 (600) maximum
Residual volume %	2.0 maximum
Loss, volume %	1.5 maximum
Total sulfur, mass %	0.4 maximum
Mercaptan Sulfur, mass %	0.001 maximum
Existent Gum, mg/100 ML, washed	7 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	200-600

Safety

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