

**PRODUCT: Jet Fuel**

**Jet Fuel** also known as petrol outside of North America, is a transparent, petroleum-derived liquid that is used primarily as a fuel in internal combustion engines. It consists mostly of organic compounds obtained by the fractional distillation of petroleum, enhanced with a variety of additives.

**Application:**

Jet fuel, as used worldwide in the vast number of internal combustion engines used in transport and industry, has a significant impact on the environment, both in local effects (e.g., smog) and in global effects (e.g., effect on the climate). Gasoline may also enter the environment un combusted, as liquid and as vapors, from leakage and handling during production, transport and delivery, from storage tanks, from spills, etc.

Items	Unit	Standards
Acid Number	mg KOH/g	0.1
Additives - Conductivity	-	-
Additives - General Note	Kg/m <sup>3</sup>	-
Appearance	-	Clear & Br
Aromatics	% volume	25
Copper Strip Corrosion	Rating	1b
Density @ 15 °C	kg/m <sup>3</sup>	840
Dist 10 Vol% Rec, corr	°F	401
Dist 50 Vol% Rec, corr	°F	
Dist 90 Vol% Rec, corr	°F	
Dist End Pt, corr	°F	572
Dist Loss, corr	% volume	1.5
Dist Residue	% volume	1.5
Existent Gum	mg/100ml	7
Flash Pt	°F	100
Freeze Pt	°C	-40
JFTOT Press Drop	mm Hg	25
JFTOT Tube Rating	Rating	<3
Mercaptan Sulfur	Wt%	0.003
MSEP	Rating	85
Naphthalenes	% volume	3
Sulfur	Wt%	0.3