PRODUCT SPECIFICATIONS AVIATION FUEL –JET A-1

Acidity, mg KOH/g 0.10 Max.

Aromatics, Vol. % 25.0 Max.ax.

Sulphur, mercaptan, Wt. % 0.003 Max.

10% Distillation, ºC 205.0 Max.

Final Boiling Point,ºC 300.0 Max

Distillation Residue, % 1.5 Max.

Distillation Loss, % 1.5 Max.

Flash Point, ºC 38.0 Min.

Density @ 15ºC, kg/m3, 775/840.0

Freeze Point, ºC -47.0 Max

Viscosity @ -20ºC, mm/s, 8.0000 Max.

Net Heat of Combustion, MJ/kg, 42.80 Min.

One of the following shall be met

1) Smoke Point, mm, or, 25.0 Min.

Naphthalenes, Vol. % 3.00 Max

Copper Strip Corrosion, 2 h %, 100ºC, No. 1

Thermal Stability

Filter pressure drop, mm Hg, 25 Max.

Tube Deposits < 3 Max.

Existent Gum, mg/100 mL., 7 Max.

Water Reaction, Interface Rating, 1b Max.

MSEP Rating

Without electrical conductivity additive 85

With electrical conductivity additive 70

Electrical 50 Min. 600 Max.