ENGEN JET - A1

DESCRIPTION

Engen Jet-A1 is a kerosene type aviation gas-turbine engine fuel (Avtur), with superior high and low operating temperature characteristics combined with an efficient and clean combustion. It normally contains an electrical conductivity improver.

APPLICATION

Engen Jet-A1 fuel is suitable for military and civil aircraft gas turbine engines.

BENEFITS

- Superior high and low operating temperature characteristics
- Economical and clean combustion
- Exceptional cleanliness and high quality
- Ready water separation characteristics
- Excellent storage and oxidation stability
- High energy content

PHYSICAL CHARACTERISTICS

Specific Energy, net ,MJ/kg, min.	42.8
Freezing Point, ℃, max.	minus 47
Flashpoint, ℃, min.	38
Density @ 15 ℃, kg/m^3.	775.0 min to 840.0 max

The physical characteristics listed above are only extracts from ASTM D 1655, British Ministry of Defence Standard DEF STAN 91-91 and AFQRJOS Check List. For a more complete and updated specification, refer to the latest issues.

PERFORMANCE LEVEL

ENGEN Jet A-1 meets the requirements of:

- ASTM D 1655 -10 (Standard Specification for Aviation Turbine Fuels)
- British Ministry of Defence Standard DEF STAN 91-91/Issue 7 (18 February, 2011)
- Aviation Fuel Quality Requirements for Jointly Operated Systems (Check List Issue 25) for Turbine Fuel, Kerosene Type, Jet A-1, NATO Code F-35, Joint Service

Engen Jet-A1 will in all instances comply with the latest performance levels of these fuel specifications.

JOINTLY OPERATED FUELING FACILITES

At airports fuels should meet the Aviation Fuel Quality Requirements for Jointly Operated Systems (AFQRJOS) checklist (Bulletin 45 Issue 25 – 5th May 2011). This Check List covers Jet A-1 fuel and includes the requirements of the various specifications that describe these types of fuels. Engen Jet-A1 supplied at shared fuel storage facilities meets the requirements of the latest AFQRJOS check list as referred to in the documentation "Jet A-1 to Check list" or "Check list to Jet A-1."

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