



Z Energy Limited

Technical Data Sheet

Jet A1

Jet Engine Aircraft Fuel

Description

Jet A-1 is a kerosene type fuel that is used by turbine engine aircraft and for various industrial and commercial applications.

Z Energy Ltd Jet A-1 is manufactured to stringent international specifications and it is checked throughout the supply chain to ensure that its high level of cleanliness is maintained and that it conforms to specification when it delivered.

It complies the following standards:

- British DEF STAN 91-91 latest Issue
- US Civil Specification ASTM D1655 (Jet A-1)

Health & Safety

Jet A-1 is a flammable liquid, classified as a Dangerous Goods Class 3 Packaging Group II for transportation purposes. Avoid contact with the skin and eyes, and breathing vapours or mists.

For further guidance on product health and safety refer to the appropriate Z Energy Safety Data Sheet.

Typical Physical Characteristics

Description	Units	Methods ASTM / Other	Typical
Total Acidity	mg KOH/g	D3242	0.015 max
Aromatics	% v/v	D3242	25 max
Sulphur	% m/m	IP 336	0.3 max
Flash Point	°C	IP 170	38.0 min
Density at 15°C	kg/m ³	D4052	775 to 840
Freeze Point	°C	D2386	47 max
Smoke Point	mm	IP 57	19

These characteristics are typical of current production. Whilst future production will conform to Z Energy and legislated specifications, variations in these characteristics may occur.