



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.