



DATA SHEET FOOD & PHARMACEUTICAL

BG 6 Oil

A NON-TOXIC AIRLINE LUBRICANT

Slipstream BG 6 Oil has been formulated for use in airline systems to protect pipe work from internal corrosion, to act as a de-icer and to prevent shuttle and valve seizure in pipes and machinery.

BG 6 Oil is formulated from **FDA** approved ingredients, and has **USDA H1** approval for lubricants with incidental food contact. It is formulated for incidental food contact only and contact with food should be avoided wherever possible. Used in this way, it meets the requirements of The Food Safety Act 1990.

BG 6 Oil is formulated from synthetic hydrocarbons; it contains no petroleum mineral hydrocarbons and is free from substances listed as hazardous to health in the latest COSHH Regulations.

Most problems with airline systems are caused by water vapour or condensation. The water emulsifies the oil, producing sludge which causes sticking and blockages. However, **BG 6 Oil** is compounded from totally hydrophobic synthetics which reject water. **BG 6 Oil** will coat the metal surfaces and prevent moisture from adhering and ice crystals from forming.

The most effective method of introducing **BG 6 Oil** into the airline is by means of an atomising dispenser using a Venturi system; the atomised oil will then condense out through the system and form a protective film over all surfaces. This method allows the engineer to raise or lower the amount of oil being drawn into the air stream to suit his airline systems requirements. Because each airline system differs due to age, size, humidity and ambient temperature, absolute dosage rates cannot be specified. However, the greater the moisture content, the heavier the oil dosage required.

To maximise the working efficiency of most compressors, please refer to our CL Fluid data sheet

PHYSICAL DATA

Appearance:	Water white to pale straw coloured fluid
Density @ 20°C	0.82 - 0.83 kg/litre
Viscosity @ 40°C (typ.)	30 cSt
Pour Point (max.)	-60°C
Flash Point.	238°C
Auto Ignition Temperature	354°C

Manufactured in Great Britain Slipstream