



DATA SHEET FOOD & PHARMACEUTICAL

CL FLUIDS

FOR ALL TYPES OF AIR COMPRESSORS, PNEUMATICS & HYDRAULICS

The **Slipstream CL range** are fully synthetic fluids designed for use in rotary vane, reciprocating or screw compressors. They are available in ISO Grades ranging from 5 up to 1000.

CL Fluids are formulated from **FDA** approved ingredients, and have **USDA H1** approval for lubricants with incidental food contact. They are formulated for incidental food contact only and contact with food should be avoided wherever possible. Used in this way, they meet the requirements of The Food Safety Act 1990. They are formulated from synthetic hydrocarbons; they contain no petroleum mineral hydrocarbons and are free from substances listed as hazardous to health in the latest COSHH Regulations.

ADVANTAGES

- Very high viscosity indexes so that their viscosity is less affected by temperature compared with mineral oils. A lighter grade can be used and still provide high viscosity at working temperatures, reducing starting and running power consumption.
- Contain no viscosity index improvers and offer total shear stability. This, plus their low volatility, leads to low oil carry-over, a much cleaner working operation and lower costs.
- Excellent oxidation stability extends oil change intervals.
- Reduction in wear on all moving parts means extended servicing periods, reducing down time and machine replacements.
- High flash point and low carbon forming tendencies improve safety during compressor operation.
- Compatibility with mineral oils and with normal seals, glands and airline systems allows changeover to **CL Fluids** with the minimum of inconvenience and maximum confidence.

To maximise the working efficiency of most airlines, please refer to our **BG 6 Fluid data sheet**.

PHYSICAL DATA

Appearance	Clear fluids, water-white to pale straw in colour					
	CL 5	CL 46	CL 68	CL 100	CL 220	CL 320
Viscosity (cSt) @ 40°C	5	46	68	100	220	320
Viscosity (cSt) @ 100°C	1.7	8.0	10	14	25	36
Viscosity Index (min.)	----	135	135	135	140	140
Pour Point °C (max.)	-73	-60	-55	-50	-50	-50
Flash Point °C (COC) (min.)	200	200	200	200	200	200
Auto-ignition Temperature °C (min)	300	300	300	300	300	300

Manufactured in Great Britain by Slipstream