



**DATA SHEET  
FOOD & PHARMACEUTICAL**

# ***NO 6 FLUIDISED GEL***

**A WORM DRIVE GEARBOX LUBRICANT**

**Slipstream No 6 Gel** is specifically designed for use in worm-drive gearboxes.

**No 6 Gel** 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. It 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.

**No 6 Gel** does not flow as readily as a fluid, but the filling procedure is less time consuming and more accurate than using a funnel, and removes the possibility of oil spills and contamination. Gearboxes may be filled with **No 6 Gel** by grease gun or by pressurised bucket dispenser; a flexible hose fitted to the gun or dispenser head makes the job easier. Flush out the old oil before adding the gel; any oil residue will not present a major problem, as the gel is compatible with petroleum based oils and greases.

A conversion table to work out the quantity of gel required is set out below.

- 1 litre of oil is equal to 900 grams of **No 6 Gel**
- 1 imperial pint of oil is equal to 500 grams of **No 6 Gel**

## **PHYSICAL DATA**

Appearance	<b>Smooth, white gel</b>
NLGI Classification	No.0
Penetration, worked (IP50)	355-385
Working stability (change in penetration after 100,000 double strokes) (IP50)	±20
Dropping point (IP132)	230°C
Oil separation (max.) (IP121)	10%
Water washout % max (IP215)	6
Temperature range	-75°C. to +200°C.

**Note** - It is not suitable for Kopp Variators, Carter gearboxes with white metal bearings, or large Radicon or Holroyd gearboxes employing splash lubrication systems.

**Manufactured in Great Britain by Slipstream**