

## HT5 Gel PTFE based peristaltic pump lubricant.

(last updated Nov. 2016)



WMC HT5 GEL is a high viscosity lubricant formulation made from synthetic hydrocarbons and contains sub micronic particles of PTFE. It makes the ideal pump lubricant and is fully chemically compatible with all tube materials used in Williamson Manufacturing peristaltic pumps.

### WMC HT5 GEL – PHYSICAL DATA

Appearance:	Smooth homogeneous white gel
N.L.G.I Grade:	0
Penetration (worked):	355-385
Dropping point:	Does not melt
Corrosive substances:	Steel = Pass, Copper = Pass
Temperature range:	-20°C to +270°C
Electrical conductivity:	Non conductive
Solubility:	Not soluble in water
Flash point:	Above 220°C (base oil)

A material safety data sheet can be supplied on request.

Please Note: Williamson Manufacturing Co Ltd recommends no other lubricant than WMC HT5 GEL be used in any of their peristaltic pumps. Other lubricants, for example silicone grease, can have a rapid adverse effect on certain tube materials and can lead to catastrophic failure of the pump.

Supplied as standard in 60ml plastic bottles but can also be supplied in 2.5Kg tubs.

### FOOD SAFE:

WMC HT5 GEL is formulated for incidental food contact only, and contact with food should be avoided wherever possible. Used in this way HT5 meets the requirements of *The Food Safety Act 1990*.

### PTFE BASED:

WMC HT5 GEL contains sub micronic particles of PTFE. These particles repel each other but bond to tiny imperfections in the working surfaces of the pump. The coating is too thin to affect working clearances but protects surfaces from wear and lubrication improves efficiency, durability and performance of the pump.

The easiest way to place an order or check prices is via our online shop at <http://www.williamson-shop.co.uk> for 2.5Kg tubs please call sales.

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