



## PRODUCT DATA SHEET

### HI-TEC WHITE OIL ISO15 BP85

#### PRODUCT DESCRIPTION

**Hi-Tec White Oil ISO15 BP85** is a highly refined mineral oil that consists of saturated aliphatic and alicyclic non-polar hydrocarbons. It is hydrophobic and essentially colourless, tasteless and odourless. Its colour remains stable over time.

#### FOOD STATUS

**Hi-Tec White Oil ISO15 BP85** meets or passes requirements of US FDA regulations 21 CFR 172.878 and 178.3620(a) for direct food contact, and the purity requirements of the British Pharmacopoeia monograph "Liquid Paraffin" and the United States Pharmacopoeia monograph "Mineral Oil".

#### APPLICATION

Pharmaceutical and food applications, including petroleum jelly manufacture, dough dividing, defoamer, bakery pan oil, coating for fruit and vegetables, egg shell sealant and as a base for ointments, suntan lotions and baby oils.

Other applications include food machinery lubricant, as a dehydration release agent, as a plasticiser, in hot melt adhesives, insulation applications, compressor oil applications, textile processing, and as a fibre, plastics and resin process aid.

**Hi-Tec White Oil ISO15 BP85** has a shelf life of up to two years from the date of manufacture, provided it is stored in a closed container away from heat and moisture.

#### KEY FEATURES

Low viscosity  
Conforms to the British Pharmacopoeia  
Meets or passes US FDA regulations

Hi-Tec suggests that the equipment manufacturers' recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.

#### TYPICAL PROPERTIES

PROPERTY	ASTM METHOD	RESULTS
Appearance	Visual	Water white
Colour	Saybolt	+30 minimum
Viscosity @100°C	ASTM D-455	3.5 cSt
Viscosity @40°C	DCA 002(ASTM D-445)	15 cSt
Specific Gravity @15°C	DCA 140(ASTM D-1298)	0.85
Pour Point	ASTM D-97	-9°C
Flash Point	ASTM D-92	185°C
Readily Carbonisable Substances	BP	Conforms to BP
Polycyclic Aromatic Hydrocarbons	BP	Conforms to BP
Solid Paraffins	BP	Conforms to BP
Acidity/Alkalinity	BP	Conforms to BP





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**Available In:** 200 Litres, 20 Litres, 5 Litres and 1 Litre

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

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