



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

WHITE OILS ISO15 BP80 & ISO68 BP350

PRODUCT DESCRIPTION

White Oils are highly refined mineral oils that consist of saturated aliphatic and alicyclic non-polar hydrocarbons. They are hydrophobic and essentially colourless, tasteless and odourless. Their colour remains stable over time.

FOOD STATUS

White Oils meet or pass the 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 oils, coating for fruit and vegetables, egg shell sealants and as a bases for ointments, suntan lotions and baby oils.

Other applications include food machinery lubricants, as a dehydration release agents, as a plasticisers, in hot melt adhesives, insulation applications, compressor oil applications, textile processing, and as fibre, plastics and resin processing aids.

Hi-Tec White Oils 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.



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL PROPERTIES

Property

Item Code (HI8-)
ISO Viscosity Grade
Appearance
Colour
Viscosity @100°C
Viscosity @40°C
Specific Gravity @15°C
Pour Point
Flash Point
Readily Carbonisable
Substances
Polycyclic Aromatic
Hydrocarbons
Solid Paraffins
Acidity/Alkalinity

ASTM METHOD

Visual
Saybolt
ASTM D-455
DCA 002(ASTM D-445)
DCA 140(ASTM D-1298)
ASTM D-97
ASTM D-92
BP
BP
BP
BP

Typical Results

3530
15 BP80
Water white
+30 minimum
3.5 cSt
15 cSt
0.85
-9°C
185°C
Conforms to BP
Conforms to BP
Conforms to BP
Conforms to BP

3531
68 BP350
Water white
+30 minimum
9 cSt
71 cSt
0.87
-9°C
240°C
Conforms to BP
Conforms to BP
Conforms to BP
Conforms to BP

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. 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"

Effective: March 2020

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