



## Technical Data sheet

# ILS WO Range

Medicinal White Oils

### Description

**ILS WO Oils** are a range of very highly refined Liquid Paraffin mineral oils also known as Medicinal White Oils.

These products are water white, transparent, odourless, tasteless and are available in ISO 12, 32 & 68 viscosity grades manufactured in compliance with USP & BP (2002) and meeting Kosher & Halal requirements.

Unlike some natural fatty oils these products do not suffer from rancidity problems.

### Typical Applications

Designed for use in the Food, Packaging & Processing industry where incidental contact with food may occur. The high degree of refining ensures that this product is safe for human consumption.

Used as Dough Divider oil and release & antifoam agents in the Baking industry when used in accordance with US FDA 21 CFR 172.878.

**Pharmaceuticals** - Used as carriers & dispersants in ointments & emulsions

**Cosmetics** - Used as adjuvants in creams, lotions & lipsticks

### Typical Properties

Parameter	Test Method	ILS WO12	ILS WO32	ILS WO68	Specification
Description	Visual	Complies	Complies	Complies	Transparent, colourless, odourless oily liquid free of Fluorescence in daylight
Density @ 15 °C	ASTM D1298	.843	.854	.863	Typical value (gm/ml)
Flash Point, COC	ASTM D92	pass	pass	pass	165°C min
Kinematic Viscosity @ 40°C	ASTN D445	11 - 15	29 - 35	67 - 75	Report (cSt)
UV Absorbance at 275 nm of 2% w/v solution	ASTM D2008	.04	.05	.06	0.1max
Readily Carbonisable substances	USP 23/EP	Complies	Complies	Complies	pass
Solid Paraffins	USP 23/EP	Complies	Complies	Complies	pass
Sulphur	USP 23/EP	Complies	Complies	Complies	pass
Polycyclic Aromatic Hydrocarbons	USP 23/EP	Complies	Complies	Complies	pass
Acidity/Alkalinity	USP 23/EP	Complies	Complies	Complies	pass
Pour Point (°C)	ASTM D97	-15	-12	-12	Report °C

**These products are manufactured in compliance with USP & BP (2002) and conform to the requirements of US FDA 21 CFR 172.878 & 21 CFR 178.3620(a)**

**Note: Data is typical and does not constitute a specification**

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