

## Description

The FOOD USP SERIES oils are used in food manufacturing, pharmaceutical and cosmetic preparations. These oils are available with viscosities from 8 cSt to 100 cSt @ 40degrees C, meeting the highest quality requirements for medicinal and pharmaceutical white oils. These are high purity, colourless and odourless oils can also be used in many applications, including cosmetics and pharmaceuticals and to blend food grade lubricants registered to NSF H1 and 3H, direct food contact.

The FOOD USP SERIES fully conforms to the latest issues of following specifications:

- European Pharmacopoeia
- British Pharmacopoeia (BP)
- German Pharmacopoeia (DAB)
- FDA 21 CFR 172.878 White Mineral Oil
- FDA 21 CFR 178.3620 (a)

FOOD 8 and 100 falls outside the viscosity limits for European Pharmacopoeia however Proventus can blend to any viscosity to fully meet all parameters of the specification.

## Typical Qualities of FOOD USP SERIES Pharmaceutical White Oils

	ASTM	FOOD 10 USP	FOOD 15 USP	FOOD 24 USP	FOOD 35 USP	FOOD 68 USP	FOOD 100 USP
Viscosity at 40'C cSt	D445	8	15	23	32	68	100
Flash Point, COC, 'C	D92	190	194	210	220	240	265
Pour Point, 'C	D97	-21	-15	-18	-18	-15	-12
Density at 15'C KG/L	D1298	0.837	0.856	0.085	0.864	0.868	0.872
Carbon type analysis,%	D2140						
Aromatics	CA	0	0	0	0	0	0
Naphthenics	CN	30	32	38	35	32	32
Paraffinics	CP	70	68	62	65	68	68
Colour Saybolt	D 156	+30	+30	+30	+30	+30	+30
Odour	Odourless						
Acidity	Neutral						
Taste	Tasteless						
Appearance	Clear & Bright						
UV Absorption	USP	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Readily Carbonisable	USP	Pass	Pass	Pass	Pass	Pass	Pass