



# INDUSTRIAL WHITE OIL PHARMACEUTICAL



## DESCRIPTION

WHITE OIL series are a premium quality, pure, ultra clean pharmaceutical oils. They are colorless, odorless, tasteless, and extremely pure. They surpass the food specifications FDA 172.878 and FDA 178.3620a and intended for direct use in food processing.

## APPLICATIONS

WHITE OIL lubricants are intended for use in the cosmetics industry (manufacturing of creams, cleaning creams, face lotions, baby lotions, sunscreen creams, etc.), the drugs industry, and the food processing industry (e.g. bakery and pastry making) and generally where absolutely pure and clean materials are required.

## CHARACTERISTICS-BENEFITS

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Colorless, odorless, tasteless.	Safe result products.
No toxicity.	Safe for use.
Sulphur and aromatic hydrocarbons-free.	Chemically and physically stable.

## PHYSICAL-CHEMICAL CHARACTERISTICS

WHITE OIL (PHARM.)	ISO 15	ISO 32	ISO 68
Density at 15°C, g/cm <sup>3</sup>	0,860	0,863	0,866
Viscosity, Kinematic (cSt) 40 <sup>0</sup> C	17	31	68
Viscosity, Kinematic (cSt) 100 <sup>0</sup> C	3,5	5,4	9,3
Viscosity, Kinematic (cSt) 20 <sup>0</sup> C	40	83	240
Flash point, COC, °C	195	200	245
Pour point, °C	-21	-12	-12
Refractive index at 20°C	1,4670	1,4725	1,475
Aromatic groups, CA%	0	0	0
Naphthenic groups, CN%	33	34	31
Paraffinic groups, CP%	67	66	69
Color (Saybolt)	+30	+30	+30

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

FDA CFR 172.878, CFR 178.3620a; FUI XI; DAB 10; U.S. Pharmacopeia XXX; NF XXV; BP 2005; Eur. Ph. V Ed.