

White Codex oils – fluid paraffin oils.

### PERFORMANCES

These qualities meet the standards of the European Pharmacopoeia, 5th edition 2005.  
Origin of the raw material (in accordance with the Decree of April 8, 1998): mineral.

Further, we certify that these qualities:

- do not contain and do not come into contact with Genetically Modified Organisms (GMOs).
- have not been treated and do not come into contact with materials treated with ionizing radiations.
- are of purely mineral origin and, therefore, are not concerned by the rules regarding Bovine Spongiform Encephalopathy (BSE).
- contain no residual solvent.

NSF registration 3H category for grade 68: 154800

### USES

Pharmaceutical, cosmetological, and veterinary preparations.

- Lubrication of industrial equipment.
- Condensation auxiliary in the extraction of oleaginous products.

Characteristics	Units	Standards	Values	
			15	22
Grades	-	-	15	22
Appearance	-	visual	Very fluid	Very fluid
Odor	-	-	None	None
Color	-	Saybolt	+30	+30
Taste	-	-	None	None
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	13-19	20-25
Engler Viscosity (40°C)	°E	calculated	2,1-2,7	2,8-3,4
Kinematic viscosity at 20°C	mm <sup>2</sup> /s	NF T 60-100	30,8-91,4	45,6-60
Dynamic viscosity at 20°C	mPa.s	calculated	25-80	39-52
Density at 20°C	kg/m <sup>3</sup>	NF T 60-101	810-875	815-879
Flash point	kg/m <sup>3</sup>	NF T 60-118	>165	>165

Caractéristiques	Unité	Méthodes	Valeurs		
Grades	-	-	<b>32</b>	<b>40</b>	<b>68</b>
Appearance	-	visual	Fluid	Fluid	Thick
Odor	-	-	None	None	None
Color	-	Saybolt	+30	+30	+30
Taste	-	-	None	None	None
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	29-35	36-44	60-79
Engler Viscosity (40°C)	°E	calculated	3,9-4,7	-	7,9-10,4
Kinematic viscosity at 20°C	mm <sup>2</sup> /s	NF T 60-100	81,8-96	-	133-258,4
Dynamic viscosity at 20°C	mPa.s	calculated	70-83	-	110-230
Density at 20°C	kg/m <sup>3</sup>	NF T 60-101	819-883	-	827-890
Density at 15°C	kg/m <sup>3</sup>	NF T 60-101	-	848-868	-
Flash point	°C	NF T 60-118	>165	>165	>200

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

Document ref. : VIII-08-ICEN-1510  
Date of publication : 29/12/2016